

**NANDHA ENGINEERING
COLLEGE
(Autonomous)**

**2018-
2019**

**DEPARTMENT OF ELECTRICAL
AND ELECTRONICS
ENGINEERING**



Department of Electrical And Electronics Engineering



**NEWSLETTER
NEWSLETTER**



NANDHA ENGINEERING COLLEGE

VISION

- To be a world class Engineering and Management Institution in leading technological and socio-economic development of the country by enhancing the global competitiveness of technical manpower and by ensuring high quality technical education through dissemination of knowledge, insights and intellectual contributions.

MISSION

- To provide value-based technical education and mould the character of younger generation



DEPARTMENT OF EEE

VISION

- To produce professionally competent Electrical and Electronics Engineers to meet out the national and global needs in inter/multi disciplinary domains.

MISSION

- The Department of Electrical and Electronics Engineering is Committed to
- Equip the students with knowledge and skills to cater to the industrial needs.
- Engineer them to develop innovative, competent and ethical qualities to contribute technical advancements.
- Enable them to become responsible citizens of the country with a willingness to serve the society.

Program Educational Objectives (PEOs)

- PEO 1: To provide fundamental knowledge to the students in Basic Sciences for the efficient practice of Engineering.
- PEO 2: To equip the students with the necessary subject knowledge in the design and analysis of Electrical and Electronic Systems.
- PEO 3: To prepare students for the modern work environment that emphasizes the need for lifelong learning so as to bring out innovative applications.
- PEO 4: To enrich the students with the necessary skills for prospective careers in the industry, government, pursuit of higher education and entrepreneurship.
- PEO 5: To enable students to communicate effectively, both individually and within teams, demonstrating ethical, respectful, and professional behavior so as to take up leadership positions in the society.

ASSOCIATION INAUGURAL



Association was inaugurated by Mr.C.Kathirvel, Additional General Manager, Bharat heavy electricals limited,Trichy on 06.10.2018



CSIR Sponsored Awareness Programme On E-Waste Handling and Recycling Techniques held on 06.09.2018. Professors Dr.S.Kumaravel, Dr.S.Albert Alexander, was the resource persons for this awareness programme



CSIR Sponsored Workshop On Challenges, Issues and Possible Solutions In Future Smart Grid Integration of Renewable Energy System (27th & 28th February 2019). Professors Dr.S.Kumaravel, Dr.S.Albert Alexander, & Raguram Arjunan, was the resource persons for this workshop



SYMPOSIUM



Student Achievements

S.NO	NAME OF THE STUDENT	TITLE	INSTITUTION	DATE	ACHEIVEMENTS
1	DHARSHINI S	PAPER PRESENTION	MPNMJ ENGINEERING COLLEGE	16.02.2019	I PLACE
2	SINDHU PRIYA R	PAPER PRESENTION	MPNMJ ENGINEERING COLLEGE	16.02.2019	I PLACE
3	PAVINATH R	VOLLEY BALL	NANDHA ENGINEERING COLLEGE	11.02.2019	I PLACE
4	BHARATH T	VOLLEY BALL	NANDHA ENGINEERING COLLEGE	11.02.2019	I PLACE
5	SURESH M	VOLLEY BALL	NANDHA ENGINEERING COLLEGE	11.02.2019	I PLACE
6	GARUNYA S	400 RELAY	NANDHA ENGINEERING COLLEGE	11.02.2019	I PLACE
7	DEEPIKA.N	400 RELAY	NANDHA ENGINEERING COLLEGE	11.02.2019	I PLACE
8	SUDHANI R	200 MTR	NANDHA ENGINEERING COLLEGE	11.02.2019	I PLACE
9	RENUGADEVI R	400 RELAY	NANDHA ENGINEERING COLLEGE	11.02.2019	I PLACE
10	MAQESH BOOPATHI C	VOLLEY BALL	NANDHA ENGINEERING COLLEGE	11.02.2019	I PLACE
11	RAMKUMAR A	VOLLEY BALL	NANDHA ENGINEERING COLLEGE	11.02.2019	I PLACE

12	MOHEMED ABDHUL WAHAB M	VOLLEY BALL	NANDHA ENGINEERING COLLEGE	11.02.2019	I PLACE
13	VINO G V	VOLLEY BALL	NANDHA ENGINEERING COLLEGE	11.02.2019	I PLACE
14	MANIKANDAN G	POLE VAULT	NANDHA ENGINEERING COLLEGE	11.02.2019	I PLACE
15	MAHESH C	PROJECT	NANDHA ENGINEERING COLLEGE	03.01.2019	II PLACE
16	ANISH R	PROJECT	NANDHA ENGINEERING COLLEGE	03.01.2020	II PLACE
17	HITESH KUMAR R	PROJECT	NANDHA ENGINEERING COLLEGE	03.01.2021	II PLACE
18	NANDHINI S	HIGH JUMP	NANDHA ENGINEERING COLLEGE	11.02.2019	II PLACE
19	RAGHUPATHI M	400 - RELAY	NANDHA ENGINEERING COLLEGE	11.02.2019	II PLACE
20	SURESH M	HIGH JUMP	NANDHA ENGINEERING COLLEGE	11.02.2019	II PLACE
21	RAGHUPATHI M	100 MTR	NANDHA ENGINEERING COLLEGE	11.02.2019	II PLACE
22	RAGHUPATHI M	LONG JUMP	NANDHA ENGINEERING COLLEGE	11.02.2019	II PLACE
23	RAGHUPATHI M	200 MTR	NANDHA ENGINEERING COLLEGE	11.02.2019	II PLACE

24	RENUGADEV I R	LONG JUMP	NANDHA ENGINEERING COLLEGE	11.02.2019	II PLACE
25	MOHEMED ABDHUL WAHAB M	1500 MTR	NANDHA ENGINEERING COLLEGE	11.02.2019	II PLACE
26	SURESH S	400 RELAY	NANDHA ENGINEERING COLLEGE	11.02.2019	II PLACE
27	MOHAN KUMAR M	400 RELAY	NANDHA ENGINEERING COLLEGE	11.02.2019	II PLACE
28	MATHIVANAN D	400 RELAY	NANDHA ENGINEERING COLLEGE	11.02.2019	II PLACE
29	MATHIVANAN D	LONG JUMP	NANDHA ENGINEERING COLLEGE	11.02.2019	III PLACE
30	GOKULA LAKSHMI	CHESS	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
31	RENUGADEV I R	CHESS	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
32	DINESH M	CHESS	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
33	VIGESH.T	CHESS	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
34	SAPTHAGIRIVAS AN S P	CHESS	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
35	DEVIKA L	400 RELAY	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER

36	SUGEETH V	CHESS	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
37	SAKTHISIVARAJ M	CHESS	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
38	NAGOORKANI S	VOLLEY BALL	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
39	SAMINATHAN M	VOLLEY BALL	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
40	KALAIKUMAR A	VOLLEY BALL	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
41	MATHIVANAN D	VOLLEY BALL	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
42	SNEKA S	CHESS	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
43	MANIKANDAN G	VOLLEY BALL	NANDHA ENGINEERING COLLEGE	11.02.2019	WINNER
44	HITESH KUMAR R	PROJECT	K P R INSTITUTE OF ENGINEERING AND TECHNOLOGY	07.09.2018	PARTICIPATI ON
45	MAHESH C	PROJECT	K P R INSTITUTE OF ENGINEERING AND TECHNOLOGY	07.09.2018	PARTICIPATI ON
46	LOGESHWARAN S	PROJECT	K P R INSTITUTE OF ENGINEERING AND TECHNOLOGY	07.09.2018	PARTICIPATI ON
47	LOGESHWARAN S	PAPER PRESENTION	K P R INSTITUTE OF ENGINEERING AND TECHNOLOGY	07.09.2018	PARTICIPATI ON

48	LOGESHWARAN S	PAPER PRESENTION	JAI SHRI RAM ENGINEERING COLLEGE	30.08.2018	PARTICIPATION
49	LOGESHWARAN S	PROJECT	JAI SHRI RAM ENGINEERING COLLEGE	30.08.2018	PARTICIPATION
50	LOGESHWARAN S	WORKSHOP	SOUND TECH MEDIA INSTITUTE OF AUDIO TECHNOLOGY, CHENNAI	02.09.2018	PARTICIPATION
51	ANGAMUTHU S	PROJECT	JAI SHRI RAM ENGINEERING COLLEGE	30.08.2018	PARTICIPATION
52	ASHIK S P	AWARENESS PROGRAMME(CSIR)	NANDHA ENGINEERING COLLEGE	06.09.2018	PARTICIPATION
53	SHALINI B	INPLANT TRAINING	RAILNET SOFTWARE SOLUTIONS	10.12.2018	PARTICIPATION
54	SINDHU PRIYA R	INPLANT TRAINING	ABDENT TECHNOLOGIES	17.12.2018	PARTICIPATION
55	ARUN KUMAR C	INPLANT TRAINING	ABDENT TECHNOLOGIES	17.12.2019	PARTICIPATION
56	DEVIKA L	INPLANT TRAINING	ABDENT TECHNOLOGIES	17.12.2020	PARTICIPATION
57	VISHALINI S	INPLANT TRAINING	ABDENT TECHNOLOGIES	17.12.2021	PARTICIPATION
58	AARTHI V	INPLANT TRAINING	ABDENT TECHNOLOGIES	17.12.2022	PARTICIPATION
59	ASHIK S P	RIFLE SHOOTING	TAMILNADU SHOOTING ASSOCIATION	15.08.2018	VI POSITION
60	LOGESHWARAN S	BOOK DONATION	NANDHA BOOK DONOR'S CLUB	2018	AWARD
61	ASHIK S P	AIR RIFLE	NEHRU AIR RIFLE ACADEMY	2018	I PLACE

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Details of Publications (2018-2019)

1. Ravichandran.V, "DC starter motor performance testing using labview", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7 , Issue No: 2, PP: 2025-2031, ISSN No: 2348-2079, 2019.
2. K.Sathyasree,"Design and fabrication of magnet actuation technique to produce current", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2039-2047, ISSN No: 2348-2079, 2019.
3. Dr.G.Ramani, " Smart home environment monitor and control using node MCU", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2048-2052, ISSN No: 2348-2079, 2019.
4. Dr.G.Ramani, "Design anaysis of transformer parameters using simulink", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2061-2065, ISSN No: 2348-2079, 2019.
5. K.Sathyasree," Harmonic reduction and power quality improvenment by using UPQC", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2066-2070, ISSN No: 2348-2079, 2019.
6. V.Arunkumar," Modified single-phase single stage grid tied PV system with MPPT and suppressed leakage current", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2071-2077, ISSN No: 2348-2079, 2019.
7. V.Arunkumar," Smart solar powered pesticide sprayer", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2078-2081, ISSN No: 2348-2079, 2019.
8. Dr.G.Ramani, " Elegant live temperature, humidity, PH and moisture monitoring in agriculture system using IOT", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2082-2088, ISSN No: 2348-2079, 2019.
9. Dr.A.Satheesh, " An efficient approach of mechanical pump sealing filter system using PLC", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2089-2097, ISSN No: 2348-2079, 2019.

10. V.Arunkumar, "Smart communication system for human life safety system in industry", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2098-2101, ISSN No: 2348-2079, 2019.
11. Dr.G.Ramani, " Solar powered automatic irrigation system using moisture sensor ", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2111-2116, ISSN No: 2348-2079, 2019.
12. S.Prabhakaran," Hand gesture recognition for wheelchair control using pic microcontroller", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2117-2122, ISSN No: 2348-2079, 2019.
13. R.Vijayalakshmi,"GPS and GSM based vehicle tracking system using arduino", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2123-2130, ISSN No: 2348-2079, 2019.
14. T.Jayakumar," Vehicle accident detection and alcohol detector system using arduino", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2131-2137, ISSN No: 2348-2079, 2019.
15. Dr.A.Satheesh, "Implementation of enhanced sit algorithm for embedded systems", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2138-2142, ISSN No: 2348-2079, 2019.
16. M.Prabu, " IOT based underground cable fault detector", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2143-2147, ISSN No: 2348-2079, 2019.
17. C.Pratheeba, "Smart meter reading monitoring system for home using power line communication", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2148-2151, ISSN No: 2348-2079, 2019.
18. S.Elango, "Energy management of PV and wind hybrid system", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2152-2155, ISSN No: 2348-2079, 2019.
19. M.Prabu, " Accident reporting and guidance system using GPS", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2156-2160, ISSN No: 2348-2079, 2019.
20. S.Elango, "Transformer less inverter for PV grid tied applications", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP:

2161-2164, ISSN No: 2348-2079, 2019.

21. P.Krishna Gandhi, " Integrated renewable energy and smart grid system to improve voltage quality and harmonic distortion losses at electric vehicle charging stations", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2165-2167, ISSN No: 2348-2079, 2019.
22. Ravichandran.V, " Automation of solar adsorption refrigeration system", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7 , Issue No: 2, PP: 2995-2998, ISSN No: 2348-2079, 2019.
23. P.Krishna Gandhi, " Vehicle to vehicle communication using LI-FI technology", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2168-2172, ISSN No: 2348-2079, 2019.
24. B.Ramraj, "Design and implementation of automated car parking system using RFID", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2177-2181, ISSN No: 2348-2079, 2019.
25. T.Jayakumar," Solar based trapper for pest control", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2999-3001, ISSN No: 2348-2079, 2019.
26. B.Ramraj, " IOT based energy meter", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2182-2186, ISSN No: 2348-2079, 2019.
27. C.Pratheeba, " Controlling boiler feed water flow by using quasi-z-Source indirect matrix converter fed Induction motor drive ", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2187-2191, ISSN No: 2348-2079, 2019.
28. R.Vijayalakshmi," Smart dust bin based on IOT monitoring system", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2192-2201, ISSN No: 2348-2079, 2019.
29. B.Ramraj, " GSM based power theft monitoring and controlling system using ARDUINO", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2202-2209, ISSN No: 2348-2079, 2019.
30. Ramani.G and Dr.K.Geetha," A Novel Code Compression Approach For Embedded Risc Processor", Journal of Electrical Engineering, Vol.No:19, Issue No: 1,PP:128-131, ISSN No:

1582-4594,2019(Feb)]

31. Dr.G. Ramani, P. Jamuna, P. Ramya, A. Megala,” Implementation of Dictionary and Bitmask based Fixed and Variable Frequency Algorithm for at Mega Processor”, Jour of Adv Research in Dynamical & Control Systems, Vol.No:11, Issue No: 2,PP:312-319, ISSN No: 1943-023X,2019(Jan)
32. “Ms.A.Kowsika, Ms.K.Menaga, Ms.D.Monisha, & Mr.B.Karthikprabu” Smart Solar Powered Pesticide Sprayer for Agriculture International Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079, Vol.–07(01) 2019 [941-948].
33. “Mr.V.Mugunthan. Mr.S.Sridhar, Mr.B.Gokulakannan, & Mr.G.Praveen Santhoshkumar” PLC Based Automated Shrink Bundling Machine for Packing in Paper Industry Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079, Vol.–07(01) 2019 [935-940].
34. “Mr.K.S. Hariprasath, Ms. G.Swaathe, & Mr.G. Praveen santhoshkumar” Automatic Weigh Bridge Monitoring Using Image Processing Technique In Labview Journal of Intellectual Advancements and Research in Engineering Computations, ISSN: 2348- 2079, Vol.–07(01) 2019 [949-956].
35. “Mr.S.Deivaranjithkumar,Mr. G.Praveen,Mr. V.Thirumoorthy,& Mr.G.Praveensanthoshkumar” Modeling and Control of Chemical Process in Dying Industry using Solenoid flow control Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079, Vol.–07(01) 2019 [935-940].
36. “Mr.A.Natarajan, Mr.V.Gokulakrishnan, Mr.P.Loguprasanth, & Mr.S.Sasikumar” Development of an automatic monitoring and control system for the objects on the conveyer belt. Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079 Vol.–07(01) 2019 [977-982].
37. “Ms.K.Kavimalar, Ms.M.Nivetha, & Mr.S.Sasikumar” Automation of Dye Preparation System in Paper Industry, Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079, Vol.–07(01) 2019 [983- 989].
38. “Mr.R.Gobinath, Mr.A.Raghul, Mr.J.Suriya Thomas, & Ms.P.Sapthika Parthi” IOT based fire department alerting system. Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079, Vol.– 07(01) 2019 [963-968].
39. “Mr.K. Kavin, Mr. B. Muthuvel, Mr. N. Pradeep, & Ms. P.Sapthika Parthi” Boiler Drum Level Control using Three Element Strategy. Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079, Vol.– 07(01) 2019 [990-998].

SPORTS DAY





**Two day Faculty Development Programme
on Lean Manufacturing and Manufacturing
processes held on 08th & 09th June,2018
at Roots Industries India Limited,coimbatore**



PLACEMENT DAY



INNOVATION DAY



NANDHA ENGINEERING COLLEGE

(An autonomous institution affiliated to Anna university,Chennai & Approved by AICTE,New Delhi)

Perundurai –Erode main road,Erode-368052,Tamilnadu

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