



ESTD 1994

KLN COLLEGE OF ENGINEERING



Affiliated to Anna University, Chennai

YEAR - 2019

Petal - 1

Blossoms

VISION :

TO BECOME A PREMIER INSTITUTE OF NATIONAL REPUTE BY PROVIDING QUALITY EDUCATION, SUCCESSFUL GRADUATION, POTENTIAL EMPLOYABILITY AND ADVANCED RESEARCH & DEVELOPMENT THROUGH ACADEMIC EXCELLENCE.

MISSION :

TO DEVELOP AND MAKE STUDENTS COMPETENT PROFESSIONAL IN THE DYNAMIC ENVIRONMENT IN THE FIELD OF ENGINEERING, TECHNOLOGY AND MANAGEMENT BY EMPHASIZING RESEARCH, SOCIAL CONCERN AND ETHICAL VALUES THROUGH QUALITY EDUCATION SYSTEM.

EDITORIAL BOARD

PUBLISHED BY ,

K.L.N. College of Engineering, Pottapalayam-630 612

CHIEF EDITOR,

Dr A V Ram Prasad Principal

EDITORS,

- 1) Mr.T.Gopu,AP,
- 2) Mrs.R.Pavithra,AP,
- 3) Mr.R.Manikandan,AP,
- 4) Mrs.S.Venkata Lakshmi,AP,
- 5) Mrs.C.Manjula Devi,AP,
- 6) Mrs.R.Thenmozhi,AP,
- 7) Mr.G.S.Santha Venkatesh,AP,
- 8) Mr.K.S.Hariharan,AP,
- 9) Mrs.M.S.C.Sujithra,AP,
- 10) Mrs.P.Manjula,AP,
- 11) Mrs.V.Vijayalakshmi,AP,
- 12) Mrs.E.Rajalakshmi,AP,
- 13) Mrs.M.Manjula Devi,AP

PREPARED BY,

Mr. S. Ilangovan, ASP

DEPARTMENT OF MECHANICAL ENGINEERING

Publications in International / National Journal

1. M.R.Thansekhar, S.Ramanathan, P.Rajeshkanna, Prem Gunnasegaran, “A new method of enhancing heat transfer in sudden expansion channel using vortex generators with toe-out and toe-in configurations by acquiring perquisites of recirculation and secondary vortex flow”, Journal of Mechanical Science and Technology, (Springer, Scopus & SCI Indexed, Impact Factor –1.734)
2. Raghav G R Balaji A N , Selvakumar N, Muthukrishnan D and Sajith E, “Effect of tungsten reinforcement on mechanical, tribological and corrosion behaviour of mechanically alloyed Co-25C Cermet nanocomposites”, Materials Research Express (IOP Sciences, Scopus & SCI Indexed, Impact Factor –1.941)
3. R.Ashokkumar, G.R.raghav,K.J. Nagarajan,Mr. Sathish,Mr. Rengarajan,P.Suganthi,V. Vignesh, “Effect of hybrid reinforcement at stirred zone of dissimilar aluminium alloys during friction stir welding”, Metallurgical Research Technology (EDP Sciences, Scopus & SCI Indexed, Impact Factor – 0.946)
4. K.J.Nagarajan,A.N.Balaji,N.R.Ramanujam ,S. Thanga Kasi Rajan, “Preparation and characterization of alkali treated cocosnuciferavaraurantiaca peduncle fibers reinforced epoxy composites” Materials Research Express (IOP Sciences, Scopus & SCI Indexed, Impact Factor –1.941)
5. Mr. K.J.Nagarajan, Dr. A.N.Balaji,Mr.S. ThangaKasiRajan, Mr. K.SathickBasha, “Effect of sulfuric acid reaction time on the properties and behavior of cellulose nanocrystals from Cocosnuciferavar Aurantiacapeduncle’scellulose microfibers”, Materials Research Express, (IOP Sciences, Scopus & SCI Indexed, Impact Factor – 1.941)
6. VasanthR, Mohan K, Sathish, Rengarajan R, Jayaprakash, R.Ashok kumar, “Characterization and corrosion effects of friction surfaced IS – 2062 E250 CU with AA6063”, Materials Research Express, (IOP Sciences, Scopus & SCI Indexed, Impact Factor –1.941)

Publications in International / National Conference

1. Dr.P. Udhayakumar, “Synthesis, Characterization and production of ABS material blended with recyclable material used in Automotive industry”, National convention of mechanical Engineers and National conference on trends and development in automotive industry, IEI Hosur Chapter,04.09.2019-05.09.2019
2. Dr.P. Udhayakumar,Mr.S.Sabarish, MS.T.Subhavaishnavi “Adoption of additive manufacturing in automotive supply chain-A Review”, National convention of mechanical Engineers and National conference on trends and development in automotive industry, IEI Hosur Chapter,04.09.2019-05.09.2019
3. Dr.P. Sabarinath, Gokul M, Manivannan S, Saravana Kumar G N, Vignesh T R, “Analysis of mechanical properties of Salvoderapersica Stem(Meswak) Fiber reinforced polyester composite”, SSM Institute of Engineering and Technology, ICRTCRET-2019, 20.03.2019
4. Dr.C.Anbumeenakshi, Balaji R, Shanmuganathapandi S, Vignesh J, Vijayaraj J, “Optimization of welding Parameters on straight Tube Butt Welding Machine to Improve the Quality of Welded Joints”, SSM Institute of Engineering and Technology, ICRTCRET-2019, 20.03.2019

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Dr.M.R.Thansekhar, Prof/Mech	Role of smart materials in aerospace and Engineering application	St. Joseph college of Engineering, Chennai	16.12.2019 to 17.12.2019
Mr.G.M.Nagarajan, ASP / Mech	Digital India Through Solid Modeling and 3D Printing Techniques for Indian Industries	K.L.N College of Engineering Pottapalayam	06.06.2019 to 19.06.2019
Dr.D.Satheeshpandian ASP / Mech	Digital India Through Solid Modeling and 3D Printing Techniques for Indian Industries	K.L.N College of Engineering Pottapalayam	06.06.2019 to 19.06.2019
Dr. C. Anbumeenakshi, ASP / Mech	One week short term training programme on competency development using Lean Six sigma	Velammal college of Engineering and Technology, Madurai	18.11.2019 to 23.11.2019
Dr. C. Anbumeenakshi, ASP / Mech	Electric Hybrid vehicles	Vel Tech, Chennai	23.05.2019 to 25.05.2019

NPTEL Online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Dr. A.N. Balaji, Prof / Mech	Manufacturing of Composites	Sep-Oct 2019	IIT Kanpur	Elite & Silver
Dr. A.N. Balaji, Prof / Mech	Manufacturing process Technology	JAN-APR 2019	IIT Madras	Elite & Gold
Mr.G.M.Nagarajan, ASP / Mech	Engineering mechanics-Statics and Dynamics	Jan-Mar 2019	IIT Madras	Successfully completed
Dr.P.Sabarinath, ASP/Mech	Manufacturing process Technology	JAN-APR 2019	IIT Madras	Elite & Gold
Dr.A.Hemalatha, ASP / Mech	Introduction to research	Feb- Apr 2019	IIT Madras	Elite & Silver
Dr. C. Anbumeenakshi, ASP/Mech	Stress Management	July – Aug2019	IIT Madras	Elite
Dr.R.Ashokkumar, AP(SG)/Mech	Manufacturing process Technology	JAN-APR 2019	IIT Madras	Elite & Gold
Dr.D.Muthukrishnan, AP(Sr.Gr)/Mech	Introduction to composites	JAN-APR 2019	IIT,Kanpur	Elite
Mr.S.Nallathambi, AP / Mech	Introduction to Machining and Machining fluids	Feb-April 2019	IIT Madras	Elite

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Mr.N.Nagasubramanian, AP / Mech	Introduction to composites	JAN-APR 2019	IIT,Kanpur	Elite
Mr.G.RRaghav, AP / Mech	Introduction to composites	JAN-APR 2019	IIT,Kanpur	Elite
Mr.T.Samynathan AP / Mech	Steam and Gas power systems	Feb-April 2019	IIT Roorke	Successfully completed
Mr.T.LVijaykumar, AP/Mech	Fundamentals of welding science and Technology	Jan-March 2019	IIT Madras	Elite
Mrs.B.Devi, AP/Mech	Fundamentals of welding science and Technology	Jan-March 2019	IIT Madras	Elite

Staff Achievements / Recognition / Honours

Name of the Staff & Designation	Name of the awards / achievements	Date
Dr.P.Udhaya kumar	Best division award, IEI Tamil nadu State Centre	11.03.2019

Short Term Courses / Seminars / Conferences / Workshops / Symposium Organized

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
20.03.2019	State level Mini Project Contest MECHPRO 2K19	Dr.P.Rajamani, Council Member, IEI, Madurai.	123 students	Dr.P.Sabarinath Dr.A.Hemalatha Dr.D.MuthuKrishnan

Guest Lecture Delivered by Staff

Dr.P.Udhaya kumar, HOD / Mech delivered lecture on Outcome based Education at CIPET, Karaikudi on 04.04.2019

Guest Lecture Organized

Date	Topic / Title	Details of Resource persons	Number of participants	Year
16.02.2019	Types and Functions of Air conditioner	Mr.K.A.Kaja Mohaideen, MD, Gulf Technical Institute, Madurai	120	III

Funds Obtained from National Bodies / AU / Industry

Laser based Hydraulic controlled variable length land leveler cum plough device with remote monitoring system from DST, New delhi for Rs.85,35,713/-. Mr.S.Nallathambi, AP / mech, is one of the co investigator.

Students Participation in National Conferences / Symposium and Other Events / Sports Activities

Name of the student	Year	Title of the event	Venue / Date	Prize won
M.N.Priyadharsan	IV	Technical Quiz, Symposium	Velammal College of Engineering and Technology, Madurai / 30.08.2019	First
K.Vasuraman	IV			First
M.Ramkumar	IV			First
N.M.Suraj Kumar	IV	CAD Model, Symposium	Velammal College of Engineering and Technology, Madurai / 30.08.2019	Second
PonSankaranaveen	IV	Mr.Machinist, Symposium	Velammal College of Engineering and Technology, Madurai / 30.08.2019	Second
M.Lispon Raj	III	CAD modeling Event, Symposium	Government College of Technology Coimbatore / 01.10.2019	Second
M.Lispon Raj	III	Mr.Fluxer Event, Symposium	Government College of Technology Coimbatore / 01.10.2019	First
S.S.Praveen	III	Technical project Competition	Automotive Styling Boot camp, JSS Academy of Technical Education Bangalore / 01.07.2019 to 21.07.2019	Excellence
M.R.Prasanna	III			Excellence

NPTEL Online Certification Courses (Student)

Name of the Student	Year	Course Title	Course duration	Course conducted by	Award
M.Maruthasanakar	III	Manufacturing Automation (4 week course)	Jul-Aug 2019	IIT kanpur	Elite & Silver

Industrial Visits

Year / Sem	Date	Industry Visited
II / III	27.09.2019 & 30.09.2019	VVV & Sons Edible oils Ltd, Virudhunagar
IV / VII	26.09.2019	CECRI, Karaikudi
I / I	01.08.2019	TVS Sri Chakra Tyres Ltd, Vellaripatti, Madurai
III / V	25.07.2019	TNSTC, Madurai 

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Publications in International / National Journal

1. Dr . K..Gnanambal, Prof /EEE, Semi-Supervised Multi-Instance Neurologic Adaptive Learning Intrusion Detection System, An International Journal Applied Mathematics & Information Sciences, Vol. 13, No. 2, pp. 291-298 (2019) DOI: <http://dx.doi.org/10.18576/amis/130218>, SCOPUS AU-Annexure-I
2. Dr. S.P. Rajaram, ASP/EEE , Energy Management Automatic Vigilant Strandless Metering System Employed with GSM, SSRG International Journal of Electronic and Electronics Engineering (SSRG-IJEEE), Special Issue ICTER, pp. 1-5, Mar 2019 , ISSN: 2349 – 8379, Crossref Index
3. D. Sridevi, AP/EEE , A.Marimuthu,ASP/EEE , Dc Micro grid Management Strategy with Integration Of solar energy using IoT, Journal of Applied Science and Computations (JASC), ISSN NO: 1076-5131 Vol:6, issue: 3, March 2019, Impact Factor:5.8 UGC Approved Journal.
4. T. Gopu,AP/EEE, IoT based Monitoring and Control Irrigation Automation, Journal of Applied Science and Computations (JASC), ISSN NO: 1076-5131 Vol:6, issue: 3, March 2019, Impact Factor:5.8 UGC Approved Journal

Publications in International / National Conference

1. Dr.S.M.Kannan, HOD /EEE , Assist pedestrian to cross the road by density based traffic control, National Conference on Smart Computing and Advanced Communication (SCAC'19), PSNA College of Engineering and Technology, 15th March 2019.
2. Dr.S.M.Kannan, HOD /EEE , Optimal Capacitor Placement and Sizing in RDF using Grey Wolf Algorithm, National Conference on Smart Computing and Advanced Communication (SCAC'19), PSNA College of Engineering and Technology, 15th March 2019.
3. Dr.S.Venkatesan, Prof /EEE, Portable Robot System for Cleaning Solar Panels, International Conference on Recent Trends in Science, Engineering & Technology ,(ICRTSET' 19),Ck College of Engineering & Technology Cuddalore, 9th March 2019.
4. Dr.S.Venkatesan, Prof /EEE, Automatic Single Phasing Detection and Correction in Three Phase Induction Machine in Industries using Micro controller, International Conference on Recent Trends in Science, Engineering & Technology, (ICRTSET' 19), Sri Subramanya College of Engineering and Technology Palani, 23rd March 2019.
5. Dr. K. Gnanambal, Prof /EEE, Online Monitoring of Power and Energy, National Conference on Smart Computing and Advanced Communication (SCAC'19), PSNA College of Engineering and Technology, 15th MARCH 2019.
6. Dr. K. Gnanambal, Prof /EEE, Load Frequency Control of Grid InterConnected Electric Vehicle National Conference on Smart Computing and Advanced Communication (SCAC'19), PSNA College of Engineering and Technology, 15th MARCH 2019

7. Dr. S.Parthasarathy, Prof /EEE ,IoT based Automation and Energy Management in Buildings International Conference on Recent Trends and Current research in Engineering and Technology (ICRTCET-2019), SSM Institute of Engineering and Technology, 20th MARCH 2019
8. Dr. S.Parthasarathy, Prof /EEE, Smart Electrical Energy Management Unit (SEEMU) International Conference on Recent Trends and Current research in Engineering and Technology (ICRTCET-2019), SSM Institute of Engineering and Technology, 20th MARCH 2019
9. Dr. P. Loganthurai, ASP/EEE, IoT based Human Health Parameters Tracking System National Conference on Smart Computing and Advanced Communication (SCAC'19), PSNA College of Engineering and Technology, 15th MARCH 2019
10. A.Marimuthu, ASP/EEE , Dr. K.Gnanambal, Prof /EEE, R.Sridevi, AP/EEE, Optimal Allocation of DG for Active Power Loss Reduction using Ant Lion Optimization Algorithm,International Conference on Emerging Trends in Engineering & Technology'19 (ICETET'19), Pandian Saraswathy Yadav Engineering College, 15th and 16th MARCH 2019
11. Dr. M. Jegadeesan, ASP/EEE,Optimizing the Efficiency of the Solar Panel, International conference on Recent Innovations in Engineering (ICRIE'19), Sri Subramanya College of Engineering and Technology Palani, 23rd March 2019
12. Dr. C. Vimalarani ASP/EEE, Dr. S. Venkatesan, Premature Detection of Breast Carcinoma with Improved Accuracy, National Conference on Recent Trends in Information, Communication and Computing Technologies (RTICCT 19), KSR College of Engineering, Thiruchengode, 10th MARCH 2019
13. Dr. C. Vimalarani ASP/EEE, Design of Electricity Line Multi Fault Monitoring System using GSM Modem,National Conference on Smart Computing and Advanced Communication (SCAC'19), PSNA College of Engineering and Technology, 15th MARCH 2019
14. Dr. J. Sangeetha , ASP/EEE, Design of Adaptive Fuzzy Controller for Transient Stability Enhancement in Power System, National Conference on Smart Computing and Advanced Communication (SCAC'19), PSNA College of Engineering and Technology, 15th MARCH 2019
15. Dr.S.P.Rajaram, ASP/EEE, Energy Management Automatic Vigilant Strand Less Metering System Employed with GSM, International Conference on Trending Technologies in Engineering Research (ICTER-2019), Mangayarkarasi College of Engineering Madurai, 15th March 2019
16. Dr.M.Mahalakshmi, AP(sr)/EEE , Enhancing Mining Robotic Mechanism with Quadcopter National Conference on Smart Computing and Advanced Communication (SCAC'19), PSNA College of Engineering and Technology, 15th MARCH 2019
17. S.Manoharan, AP(sr)/EEE, Design and Analysis of PV based Interleaved Boost Converter National Conference on Emerging Scenario in Power Engineering and Electrical Drives (eSpeed2K19), K.S.Rangasamy College of Technology Tiruchengode, 15th & 16th March 2019

18. M. Ganesh Kumari, AP(sr)/EEE, ANFIS Controller based Custom Power Device for Power Quality Improvement, National Conference on Emerging Scenario in Power Engineering and Electrical Drives (eSpeed2K19), K.S.Rangasamy College of Technology Tiruchengode, 15th & 16th March 2019
19. M. Ganesh Kumari, AP(sr)/EEE, Design of Interleaved Converter for Single Stage LED Driver National conference on Smart Computing and Advanced Communication (SCAC'19), PSNA College of Engineering and Technology, 15th MARCH 2019
20. M.Jeyamurugan, AP(sr)/EEE, Real – Time Mobile Inspection Robot for Drainage System, International Conference on Recent Trends in Science, Engineering & Technology (ICRTSET' 19), Ck College of Engineering & Technology Cuddalore, 9th March 2019
21. K.R.Jeyavelumani. AP/EEE, Smart Garbage Segregation and Indication Bin, National conference on Smart Computing and Advanced Communication (SCAC'19), PSNA College of Engineering and Technology, 15th MARCH 2019
22. M. Balamurugan, AP/EEE, Accident Detection and Post Protection System, National Conference on Emerging Scenario in Power Engineering and Electrical Drives (eSpeed2K19), K.S.Rangasamy College of Technology Tiruchengode, 15th & 16th March 2019
23. R.Jeyapandiprathap, AP/EEE, T.Gopu, AP/EEE,, Smart Control and Monitoring of Irrigation System using IoT, International Conference on Recent Innovation in Mechanical Engineering (ICRIME 2K19), Francis Xavier Engineering College, Tirunelveli, 8th MARCH 2019
24. T.Gopu, AP/EEE, IoT based Monitoring and Control of Irrigation Automation, International Conference on Recent Trends in Science, Engineering & Technology (ICRTSET' 19), Ck College of Engineering & Technology Cuddalore, 9th March 2019
25. N.Vimal Radha Vignesh, AP/EEE, Design and analysis of Modular Multilevel Inverter for Solar Photovoltaic Applications, International Conference on Trending Technologies in Engineering Research (ICTER-2019), Mangayarkarasi College of Engineering Madurai, 15th March 2019
26. A. Manoj, AP/EEE, Design and Implementation of Hospital management System & ICU Room Automation using IoT, International Conference on Trending Technologies in Engineering Research (ICTER-2019), Mangayarkarasi College of Engineering Madurai, 15th March 2019
27. V.Sindhu, AP/EEE, DSTATCOM based on the Non Linear Predictive Controller for Improved Compensation National Conference on Recent Trends in Information, Communication and Computing Technologies (RTICCT 19), KSR College of Engineering, Thiruchengode, 10th MARCH 2019
28. R. Sridevi , AP/EEE, A.Marimuthu, ASP/EEE, DC Micro grid Management Strategy with Integration of Solar Energy using IoT, International Conference on Recent Trends in Science, Engineering & Technology (ICRTSET' 19), Ck College of Engineering & Technology Cuddalore, 9th March 2019
29. R. Sridevi, AP/EEE, Solar Data Logger using IoT, National conference on Smart Computing and Advanced Communication (SCAC'19), PSNA College of Engineering and Technology, 15th MARCH 2019

Quality Improvement Programs

Name and Designation of the Staff	Seminar / Workshop / Course Attended	Date / Place
Dr. S. Parthasarathy Prof /EEE	Completed in NPTEL –AICTE Half of one week Faculty Development Programme on “Electric Vehicles Part 1	(Feb-Mar2019) (4 week course Equivalent to 1/2 FDP of one week)/ IIT, Madras.
Dr. S. Venkatanarayanan Prof /EEE	Participated in Expert for Final year EEE Project Review.	16.03.2019/ EEE Department, Kamaraj College of Engineering& Virudhunagar.
Dr.P. Loganthurai ASP/EEE	Elite Certificate earned by Completing NPTEL Online Certification course on “Electrical Machines-II”	(Jan-Apr2019) (12 week course)/ IIT, Kharagpur.
Dr. A.P.S.Ramalakshmi AP(sr)/EEE	Completed in NPTEL –AICTE half of one week Faculty Development Programme on “Electric Vehicles Part 1”.	(Feb-Mar2019) (4 week course Equivalent to ½ FDP of One Week)/ IIT, Madras.
Dr.M.Mahalakshmi AP(sr)/EEE	Completed in NPTEL –AICTE half of one week Faculty Development Programme on “Electric Vehicles Part 1”.	(Feb-Mar2019) (4 week course Equivalent to ½ FDP of one week FDP)/ IIT, Madras.
S. Manoharan AP(sr)/EEE	Elite Certificate earned by Completing NPTEL Online Certification course on ‘Microprocessors and Microcontrollers’	(Jan-Apr2019) (12 week course)/ IIT, Kharagpur
K.R.Jeyavelumani AP/EEE	Completed in NPTEL –AICTE half of one week Faculty Development Programme on “Electric Vehicles Part 1”.	(Feb-Mar2019) (4 week course Equivalent to ½ FDP of one week)/ IIT, Madras.
M. Balamurugan AP/EEE	Certificate earned by Completing NPTEL Online Certification course on “Electrical Machines-II”	(Jan-Apr2019) (12 week course)/ IIT, Kharagpur.
V. Sindhu AP/EEE	Completed in NPTEL –AICTE half of one week Faculty Development Programme on “Electric Vehicles Part 1”.	(Feb-Mar2019) (4 week course Equivalent to ½ FDP of one week / IIT, Madras.
R.Sridevi AP/EEE	Completed in NPTEL –AICTE half of one week Faculty Development Programme on “Electric Vehicles Part 1”.	(Feb-Mar2019) (4 week course Equivalent to ½ FDP of one week / IIT, Madras.

Consultancy Work

Name of the Staff & Designation	Topic of Consultancy Work	Date / Place
Dr.S.Parthasarathy Prof/EEE	Harmonic audit & consultancy	06.02.2019, P.G.M. Engineering Enterprises, Athikulam, Madurai-625 007.
Dr.S.Venkatanarayanan Prof/EEE	Energy Audit	8.01.2019, Promotion of Energy Audit Conservation of Energy Training Program, District Industries Centre, Thanjavur
		25.01.2019, Promotion of Energy Audit Conservation of Energy Training Program, District Industries Centre, Erode
		27.01.2019, District Industries Centre, Thirunelveli Training program
		28.01.2019, Promotion of Energy Audit Conservation of Energy Training Program. District Industries Centre, Thoothukudi
		6.2.2019, Promotion of Energy Audit Conservation of Energy Training Program, Karaikudi, Sivagangai District
		07.02.2019, Promotion of Energy Audit Conservation of Energy Training Program .District Industries Centre, THENI along with District Collector , Theni
		10.02.2019, Unnath Barath Scheme Lunched by The Respected Collector, Sivagangai District
		11.02.19, Conference Hall , District Industries Centre , Ramanathapuram Institutional Training Program
Dr.S.Venkatanarayanan Prof/EEE	Energy Audit	12.2.2019, Promotion of Energy Audit Conservation of Energy Training Program, Ramanathapuram
		13.02.19, District Industries Centre, Nagapattinam
		14.02.19, Meeting with Deputy Chief minister
		21.2.19, Promotion of Energy Audit Conservation of Energy Training Program .Conference Hall , District Industries Centre , Ariyalur
		22.02.19, Training Program .Electronics Technician Association Meeting Hall Chapal Bazar, Katrapalayam Street, Madurai

Name of the Staff & Designation	Topic of Consultancy Work	Date / Place
		7.3.2019, Promotion of Energy Audit Conservation of Energy Training Program .District Industries Centre, Krishnakiri
		29.03.19, Promotion of Energy Audit Conservation of Energy Training Programe, DIC Krishnagiri
		28.03.19, IEEE Program at Chennai
		29.03.19, Promotion of Energy Audit Conservation of Energy Training Program, DIC Krishnagiri
		30.03.19, Promotion of Energy Audit Conservation of Energy Training Program, Oothangarai retired association



Kodaikanal Solar Observatory, Kodaikanal



Meeting with Deputy Chief Minister of Tamilnadu

Organizing Seminars / Conferences / Workshops

Date	Title	Details of Resource Person	No. of Participants
25.01.2019	Mini Project contest - 2019 – II – Years & III Years	Er. K.G.Kannan, Assistant Engineer, Electrical Superintendent, Madurai Corporation.	Internal:160
30.01.2019	Renewable Energy ,Conservation of Electrical Energy & Safety”	Er.K.J.Pandykumar, AEE, Data Recovery Center, TANGEDCO, Madurai.	Internal:69
19.01.2019	“Professional Ethics in Electrical Engineering”	Er.M.A.Vignesh,A.E., TANGEDCO, Karur.	Internal:70

Guest Lectures Organized

Date	Topic / Title	Details of Resource Person	Number of Participants	Year
02.03.2019	Harmonics issues in AC machines using starters and PV cell” Expert Talk/CBS	Er.Murugesan,ADE, Hydro Power Station, Periyar Power House, Lower Camp, Theni Dt	Internal:82	II-years
02.03.2019	Solution of Economic Dispatch and Unit Commitment problem using Optimization Techniques &SCADA” Expert Talk/CBS	Er,B.Anandkumar, Assistant Engineer, TANGEDCO, Aruppukkottai.	Internal:79	III Years
25.02.2019	Variable frequency Drives and Recent trends in Power System Scenario” Expert Talk/CBS	Er.M.Ilango, Executive Engineer, Pasumalai(TANTRANS CO).	Internal:81	III Years

Faculty Development Programs / Short Term Courses Organized in Our College

Date	Topic / Title	Details of Resource Persons (External / Internal)	No. of Participants / Co-ordinators
24.01.2019 & 25.01.2019	TI Robotics Systems Lab kit (RSLK)using MSP432”	Mr.Madhusudan Kumar Engineer, Steps Knowledge Services, Coimbatore. R.Prasanna Kumar, Theni(Dt).	Internal:35 External: 01

Students Participation in National Conferences Technical Symposiums and other

Name	Year	Title of Event	Venue/ Date	Prize Won
1. M.Vignesh	III	IEEE Project Contest	23.02.19, Velammal College of Engineering & Technology, Madurai	I
2. S.Sankaranarayanan				
3. R.Premkumar				
4. P.Clement paul	I	Techno Science Festival 2019	28.02.19, K.L.N.C.E, Madurai	III
5. K.A.Akash				
6. R.M.Karthick				
7. K.Yuvalakshman	IV	Chain-sys(India)Pvt Ltd	23.01.19	Internship
8. R.Saranya Laksmi				
9. C.Kartheeswaramani		Aricent	31.01.19	Internship
10. C.Abarna	IV	Energy Management Automatic Vigilant Strandless Metering System Employment with GSM	Mangayarkarasi college of Engineering. (International conference on Trending Technologies in Engineering Research (ICTER-2019), 15th March 2019	-
11. V.Kaviya				
12. S.Merunaline				
13. N.Iswariya				
14. A.Azhagumari		Optimal Capacitor Placement & Sizing in RDF Using grey wolf Algorithm	PSNA College of Engineering and technology, Dindigul. (National conference on Smart Computing and Advanced Communication. (SCAC'19), 15th March 2019	-
15. M. Aarthi				

Name	Year	Title of Event	Venue/ Date	Prize Won
16. P.Ajith	IV	Optimizing the Efficiency of the solar panel	Sri Subramanya College of Engineering and Technology , palani. (International Conference on Recent Innovations in Engineering' 19, 23 rd March 2019	-
17. Sundaram C.Meenakshi				
18. C.Boominathan				
19.Nandha Kumar				
20. M.Vinoth	IV	Enhanced Unearthing Cyborg Wireless Mechanism-QUADX	PSNA College of Engineering and Technology, Dindigul. (National Conference on Smart Computing and Advanced Communication – SCAS'19, 15 th March 2019	-
21. Vimalarajasekar.M				
22. K.Yuvalakshman				
23. B. Vidyatharan				
24. P.Ajith Kumar	IV	Design and Analysis of Modular Multilevel Inverter for Solar Photovoltaic Applications	Mangayarkarasi college of Engineering. (International conference on Trending Technologies in Engineering Research(ICTER-2019) 15 th March 2019	-
25. F.Ahamed Ibrahim				
26. D.N.Harivigneshwar				
27. S.Divya				
28. T.Jaipoorani	IV	Solar Data logger using IOT	PSNA College of Engineering and Technology, Dindigul. (National Conference on Smart Computing and Advanced Communication – SCAS'19, 15 th March 2019	-
29. M.Saranya Malaichamy	IV	DSTATCOM Based on the non linear predictive controller for improved compensation	K.S.R College of Engineering. National conference on Recent Trends in information, communication and computing Technology-RTICTT19.10 th March 2019	-
30. K.Yogapriya Kalaiselvan				
31. R.Ramya Ravichandran				
32. M.Sowmiya Moorthy				

Name	Year	Title of Event	Venue/ Date	Prize Won
33. R.Ramesh Balaji	IV	Optimal allocation of DG for active power loss	Pandian Saraswathi Yadav Engineering College. 6th International conference on Emerging Trend in Engineering and Technology-ICETET-19 15 th & 16 th March 2019	-
34. K.R.Ramprabhu				
35. K.Rajamanickam				
36. A.Sivaram				
37. S.Dharani		Design of Interleaved Converter for single stage LED driver	PSNA College of Engineering and Technology, Dindigul. (National Conference on Smart Computing and Advanced Communication-SCAS'19 15 th March 2019	-
38. S.Hemalatha				
39. M.R.Hemanth Kumari				
40. S.Nivitha				
41. K.Babysalini				
42. S.Kalaranjani				
43. R.Malathi	IV	Portable Robot System for cleaning solar panel	CK College of Engineering & Technology, cuddalore. International Conference on Recent Trends in science Engineering & Technology. 9 th March 2019	-
44. S.M.K.Gokul				
45. K.Anandraj				
46. S.Logesh				
47. T.Poorva Dharshan	IV	Slide Mode Controlled Two-stage three level grid connected photovoltaic inverter	Sri Guru Institute of Technology. International Conference on future Technology in Engineering ,science & Humanities ,22 nd Feb	-
48. W.Vijay jose				
49. P.Prabu				
50. J.Rahul				

Name	Year	Title of Event	Venue/ Date	Prize Won
51. B.Ajith	IV	Real Time Mobile Inspection Robot for Drainage system	CK College of Engineering & Technology, cuddalore. International Conference on Recent Trends in science Engineering & Technology. 9 th March 2019	-
52. R.Aravindasamy				
53. A.Karna prakash				
54. S.Divya				
55. P.Lakshmi				
56. K.Mathumetha	IV	Design & Implementation of Hospital System & ICU Room Automation Using IOT	Mangayarkarasi college of Engineering. (International conference on Trending Technologies in Engineering Research(ICTER-2019) 15 th March 2019	-
57. S.Meharunnisha				
58. J.Jaffrin banu				
59. S.Manodharshini				
60. P.Rajkumar	IV	IOT Based Monitoring and control of Irrigation Automation	CK College of Engineering & Technology. International Conference on Recent Trent in Science Engineering & Technology	-
61. M.Palpandi				
62. C. Vengatesh				
63. C. Vengatesh	IV	Smart control and monitoring of irrigation system using IOT	Francis Xavier Engineering college. International conference on Recent innovation in Mechanical Engineering- ICRIME-2K19,8 th March	-
64. M.Palpandi				
65. P.Rajkumar				
66. S.Sowmiya	IV	IOT Based Human Health Parameters Tracking Systems	PSNA College of Engineering and Technology, Dindigul. (National Conference on Smart Computing and Advanced Communication-SCAS'19,15 th March	-

Name	Year	Title of Event	Venue/ Date	Prize Won
67. S.Ponmuthu Lakshmi	IV	IOT Based Human Health Parameters Tracking systems	PSNA College of Engineering and Technology, Dindigul. (National Conference on Smart Computing and Advanced Communication – SCAS'19,15 th March	-
68. S.Sangeerthana				
69. R.Uma Maheshwari	IV	Smart garbage Segregation and Indication Bin	PSNA College of Engineering and Technology, Dindigul. (National Conference on Smart Computing and Advanced Communication-SCAS'19,15 th March	-
70. R.Saranya Lakshmi				
71. K.Soniya				
72. A.S.Vignesh	IV	Assist pedestrian to cross the road by density based traffic control	PSNA College of Engineering and Technology, Dindigul. (National Conference on Smart Computing and Advanced Communication-SCAS'19,15 th March	-
73. J.Venkatesh Kumar				
74. P.Vigneswaran				
75. G.Suryaprakash				
76.S.Sweety Ziony	IV	Premature detection of breast carcinoma with improved accuracy	K.S.R College of Engineering. National Conference on Recent Trends in Information, Communication and Computing Technology- RTICCT19,10 th March 2019	-
77. M.Yogeswari				
78. T.S.Ramyameenakshi				
79. K.Chandralekha	IV	Online Monitoring of Power and Energy	PSNA College of Engineering and Technology, Dindigul. (National Conference on Smart Computing and Advanced Communication-SCAS'19,15 th March	-
80. K.Indhupriya				
81. N.Aiswarya				
82. S.Hariharasudhan	IV	Design ANS Analysis of PV Based Interleaved Boost Converter	KS Rangasamy College of Technology. 15th National Conference on Emerging Scenario in power Engineering and Electrical Drives-eSpeed 2k19,15 th March	-
83. R.Nithinnoah				
84. K.Gowtham				

Name	Year	Title of Event	Venue/ Date	Prize Won
85. J.Yuvamareeswaran	IV	IOT Based Automation and Energy management in buildings	SSM Institute of Engineering and Technology. International conference on recent trends and current research in engineering and technology-ICRTCRET- 2019,20 th March	-
86. S.Saravanan				
87. M.Sivabalan				
89. P.Vasnthavikash				
90. T.Jaipoorani	IV	DC Micro grid Management strategy with Integration of solar energy using IOT	CK College of Engineering & Technology, cuddalore. International Conference on Recent Trends in science Engineering & Technology. 9 th March 2019	-
91. Amala Reena D	III	Microprocessors and Microcontroller	NPTEL online courses (Jan- Apr 2019) 12 Weeks	Elite
92. Bill Joshua Swamidoss D				
93. Jayashree S				
94. Sriduraipandian G				
95. Priya R				
96. Kowshik N S				
97. Mutheeswaran A				
98. Prasanna Kumar T G				
99. Vignesh M		Electric Vehicles Part-I		

Students Placements

Name	Date	Company Name
Hari vikneshwar. D N	04.01.2019 & 23.01.2019	HCL & CTS
Hemanth Kumari M R		
Nachammai A		
Seenivasan M K		
Sonia K		
Manodharshini S	04.01.2019 & 18.02.2019	HCL & Robert Bosch
Mathu Metha K		
Erunaline S	18.02.2019	Robert Bosch
Meharunnisha S	04.01.2019	HCL
Nandha Kumar S		
Omnath S L		
Ponmuthulakshmi S		
Sangeerthana S		
Sangeetha M		
Sivaram A		
Suriya Narayanan K B		
Umamaheshwari R		
Yogeswari M		
Viji A		
Azhagu mari A		
Iswariya N		
Jaffrin Banu J		

Students Participation in National Conferences / Symposium and Other Events / Sports Activites

Name	Year	Title of event	Venue	Prize won
V.V.Santhosh	2	HCL Madurai RUN 2019	HCL	-
D.Amalareena	3	College Annual Sports meet-LONG JUMP	K.L.N.C.E	I-Place
		College Annual Sports meet-TRIPLE JUMP		
		College Annual Sports meet-400M		
		College Annual Sports meet-100M		
		College Annual Sports meet-HAND BALL		
		College Annual Sports meet-Basket Ball-		Winners
		College Annual Sports meet-Kho-Kho-		
A.M.Gayathri	3	College Annual Sports meet-Throw Ball	K.L.N.C.E	II-Place
		College Annual Sports meet-Kho Kho		-
		College Annual Sports meet-Discus Throw		I-Place
		College Annual Sports meet-Hammer		II-Place
		College Annual Sports meet- Ball Badminton		I-Place
J.Jaffrin banu	4	Anna University Zonal Tournament- Chess(Women)	Vagai College of Engineering	-

Industrial Visits

Year / Sem	Date	Industry Visited
III / VI (A & B Sec)	15.03.2019	Kodaikanal Solar Observatory, Kodaikanal.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Publications in International / National Journal

1. **Dr. N.Janakiraman Prof. ECE** “A Survey of Various effective CODEC implementation methods with different real time applications" in 4th International Conference on Communication and Electronics Systems (ICCES), Coimbatore August 2019.
2. **Dr. R. Mohan Kumar Asso.Prof1 / ECE** “An α -factor architecture for RS decoder implemented on 90 nm CMOS technology" for Microprocessor s and Microsystems Elsevier Journal, August 2019

Publications in International / National Conference

1. **Dr.V.Kejalakshmi Prof.&HOD/ECE** “Solid Waste Management And Segregation” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
2. **Dr.V.Kejalakshmi Prof.&HOD/ECE** “Predicting Wireless Massive MIMO Channel State Information Using Machine Learning Algorithm” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
3. **Mrs.R.Jeyanthi Prof./ECE** “Design And Fabrication Of Wireless Controlled Rough Terrain Vehicle Detecting A Human In Disaster Area” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
4. **Mrs.R.Jeyanthi Prof./ECE** “Enhancement Of Digital Image And Dehazing Using Computational Technique” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
5. **P.S.Kumaresh AP(SG)/ECE** “An Advanced Hybrid Optimized Scheduling Scheme in OFDMA WiMAX Networks” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
6. **Mr.S.R.Naresh Asso.Prof.1/ECE** “Performance Improvement In Detection of Sinkhole Attack Using Prdsa Scheme” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
7. **Mr.S.R.Naresh Asso.Prof.1/ECE** “Preventing Packet Tracing Attack By Improving Location Privacy In Wireless Sensor Networks” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
8. **Dr.N.Janakiraman**, “Multiclass Support Vector Machine based Detection and Classification of Lung Cancer Stages”, International Conference on Emerging Trends in Wireless Communications, Signal Processing and Networking, Coimbatore, 8th March 2019

9. **Ms.P.Sharmadha Asst. Prof.2/ECE** “Real Time Vocal Vision For Visually Impaired People Using Convolution Neural Networks PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
10. **Mr.P.Senthilbabu, ASP/ECE** “3D Printing &Gesture Recognition using Convolutional Neural Network” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
11. **Dr.P.Karpagavalli ASP/ECE** “Customized Cell Structure Based Video Anomaly Detection” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
12. **Dr.P.Karpagavalli ASP/ECE** “Multi-Human Detection In Night Vision Using CNN Algorithm” KLN College Of Information Technology 7th International Conference On Design And Applications Of Structures, Drives, Communicational And Computing Systems 08.03.2019 To 09.03.2019
13. **Dr.P.Karpagavalli ASP/ECE** “Grey Wolf Optimized Semantic Feature Selection Method For People Counting In Crowd Video” PSNA College of Engineering and Technology, Dindigul – 624622. National conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
14. **Mrs.P.Selvi AP(Sr.Gr.)/ECE** “Tracking Human Using Joint Sparse Representation Algorithm At Night Vision” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
15. **Mrs.M.Amudha AP(Sr.Gr.)/ECE** “ Performance And Evaluation Of Full Adder Design Using Transmission Gates ” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
16. **Mr.R.Mohankumar ASP/ECE** “Efficient Secure Framework Against Malicious Node In Wireless Sensor Networks Using Trust Based Multi Criteria Routing Protocol”, PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
17. **Mr.R.Mohankumar ASP/ECE** “Improving Routing Performance In VANETs Using Adaptive Particle Swarm Optimization”, PSNA College of Engineering and Technology, Dindigul – 624622. National conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
18. **Mrs.K.R.Shanthy ASP/ECE** “Massive Multipath Effect In Single Antenna Using Time Reversal System” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
19. **Mrs.K.R.Shanthy ASP/ECE** “Estimation Of Calorie Value By Food Identification Using Deep Learning,” PSNA College of Engineering and Technology, Dindigul – 624622. National conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.

20. **Mrs.T.R.Muthu AP(Sr.Gr.)/ECE** “Design Of Tri-Band Patch Antenna For Satellite And Wifi Applications” PSNA College of Engineering and Technology, Dindigul – 624622. National conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
21. **Mr.V.Muthuganesh AP(Sr.Gr.)/ECE** “Enhance The Just Noticeable Distortion For Image In Pixel Domain” PSNA College of Engineering and Technology, Dindigul – 624622. National conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
22. **Mr.S.Selvakumar AP/ECE** “Detecting Natural Hazards Using Mems And Gsm Technology” PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
23. **Mrs.T.Vidhya AP/ECE** “Performance Analysis Of Power Allocation And Beamforming For Non-Orthogonal Multiple Access (NOMA) In Wireless Applications”, PSNA College of Engineering and Technology, Dindigul – 624622. National Conference on Smart Computing and Advanced Communication (SCAC’19) 15.03.19.
24. **Dr.S.Subha AP(SG)/ECE** “Fuzzy Corner Metric Based tumor Segmentation Using Outer Boundary Detection” PSNA College of Engineering and Technology, Dindigul – 624622. International conference on Trends In Engineering, Technology And Management (Icrtetm-2019) 18.03.19.
25. **Mr.A.Anandan AP/ECE** “Online Bulletin Board For Students With Native App Support” KONGU ENGINEERING COLLEGE. 6th National Conference On Networking, Intelligence & Computing 16.03.19.
26. **Mrs.S.Indumathi AP/ECE** “Low Power Consumption ECG Monitoring Using SOC On ZEDboard” P.S.RCOLLEGE OF ENGINEERING FOR WOMEN. National conference On Computer,Electrical And Electronics Engineering 01.03.19.
27. **Dr.S.C.Sivaprakash Prof./ECE** “An Approach For Kidney Abnormility Detection In Ultrasound Images” KLN College Of Information Technology 7th International Conference On Design And Applications Of Structures, Drives, Communicational And Computing Systems 08.03.2019 To 09.03.2019.
28. **Dr.S.C.Sivaprakash Prof./ECE** “Simplified H Shapped Fractal Antenna For 5G Mobile Application” ALAGAPPA CHETTIAR GOVERNMENT COLLEGE OF ENGINEERING AND TECHNOLOGY Teqip Iii Sponsored (National Conference On Microwave And Optical Communication)- 25.03.19.
29. **Mr.A.Yusuf Khan AP/ECE** “Deep Convolutional And Generative Adversarial Networks For Brain Tumour Detection” KLN College Of Information Technology 7th International Conference On Design And Applications Of Structures, Drives, Communicational And Computing Systems 08.03.2019 To 09.03.2019.
30. **Mrs.R.Pavithra AP/ECE** “Deep Convolutional And Generative Adversarial Networks For Brain Tumour Detection” KLN College Of Information Technology 7th International Conference On Design And Applications Of Structures, Drives, Communicational And Computing Systems 08.03.2019 To 09.03.2019.

31. **Dr.P.Karpagavalli ASP/ECE** “Multi-Human Detection In Night Vision Using Cnn Algorithm” KLN College Of Information Technology 7th International Conference On Design And Applications Of Structures, Drives, Communicational And Computing Systems 08.03.2019 To 09.03.2019.
32. **Mr.S.Ravisankar AP/ECE** “Face Expression Recognizer By Using Sift Algorithm” KLN College Of Information Technology 7th International Conference On Design And Applications Of Structures, Drives, Communicational And Computing Systems 08.03.2019 To 09.03.2019.
33. **Mrs.R.Thilagavathy AP/ECE** “An Approach For Kidney Abnormility Detection In Ultrasound Images” KLN College Of Information Technology 7th International Conference On Design And Applications Of Structures, Drives, Communicational And Computing Systems 08.03.2019 To 09.03.2019.
34. **Mrs.R.Thilagavathy AP/ECE** “Performance Analysis Of Hybrid Beam Forming For Multicell Network With Optimal Precoding” Avinashilingam Institute For Home Science And Higher Education For Women – International Conference On Emerging Trends In Wireless Communications Signal Processing And Networking 07.03.2019 To 08.03.2019.
35. **Mr.D.Anand AP/ECE** ” Identification And Alertness Of Driver Signs Of Fatigue For In-Vehicle Driving And Advance Vehicle Safety System” PANDIAN SARASWATHY YADAV ENGINEERING COLLEGE 6th International Conference On Emerging Trends In Engineering And Technology 15.03.2019 TO 16.03.2019.
36. **Mrs.A.Meena AP/ECE**” Multicast Routing Protocol For Improving QOS In MANET” PANDIAN SARASWATHY YADAV ENGINEERING COLLEGE 6th International Conference On Emerging Trends In Engineering And Technology 15.03.2019 TO 16.03.2019.
37. **Mr.L.Meenakshi AP(Sr.Gr.)/ECE**” Multicast Design Of Small RFID Tag Antenna Using A Composite Meander Line” PANDIAN SARASWATHY YADAV ENGINEERING COLLEGE 6th International Conference On Emerging Trends In Engineering And Technology 15.03.2019 TO 16.03.2019.
38. **Mrs.R.Arun Chithra AP/ECE** “Multi Fault Multi-Layer Diagnosis For Brain-Machine Interface Applications” SBM COLLEGE OF ENGINEERING 3rd International Conference On Recent Trends In Engineering, Science And Technology 02.03.19.

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Mrs. T.R. Muthu, AP(Sr.Gr)/ECE	Software defined radio and MSO	K.L.N. College of Engineering	1 day 11.01.2019
Mrs.R.Thilagavathy, AP(Sr.Gr) / ECE			
Mrs. R. Arunchitra, AP/ECE			
Ms. L Meenakshi , AP(Sr.Gr) /ECE			
Mr. A. Anandan, AP / ECE			
Dr. S.C Sivaprakash, Prof./ECE	Machine Learning algorithms using MATLAB	K.L.N. College of Engineering	1 day 23.01.2019
Mr. S.R. Naresh, ASP/ECE			
Dr. S. Subha, AP(SG) / ECE			
Mr. D. Anand, AP/ECE			
Mrs. P. Selvi, AP(Sr.Gr)			
Mrs. T. Vidya, AP/ECE	Embedded system design	I.I.T. Kharagpur	1 week 25.03.2019 to 31.03.2019
Mrs. A. Meena, AP/ECE			
Mr.N. JanakiRaman, Prof./ECE			
Dr.V.Kejalakshmi, Prof. & HOD / ECE			
Ms. L Meenakshi , AP(Sr.Gr) /ECE	HR Meet 2019	Institution of Engineers, Madurai	1 day 15.03.2019

Name of the staff & Designation	Programme	Place	Date
Mrs. S. Indumathi, AP/ECE	Declarative development for Platform APP builders.	K.L.N. College of Engineering	5 Days 25.03.2019 to 29.03.2019
Mrs. T. Vidya, AP/ECE			
Ms. P. Sharmadha, AP/ECE			
Mrs.M.Amudha AP(Sr.Gr.) / ECE	Research issues and opportunities in VLSI Nanoelectronic Devices	Thiagarajar College of Engineering, Madurai	12.04.2019 to 14.04.2019
Dr.S.C.Sivaprakash Prof. / ECE	Enhancement of smart grid to smart cities	K.L.N. College of Engineering With AICTE - ISTE Chapter	5 Days 06.05.2019 to 10.05.2019
Mr.S.R.Naresh Asso.Prof1 / ECE			
Mr.S.R.Naresh Asso.Prof1 / ECE	EC6711- Embedded Systems Laboratory	K.L.N. College of Engineering.	2 Days 27.06.2019 & 28.06.2019
Dr.S.Subha AP(SG) / ECE			
Mrs.M.Amudha AP(Sr.Gr.) / ECE			
Mrs.R.Pavithra AP2 / ECE			
Mr.S.Ravisankar AP2 / ECE			
Mrs.P.Selvi AP(Sr.Gr.) / ECE	FDTP on EC8391- Control Systems Engineering sponsored by AU	Syed Ammal Engineering College	5 Days 20.05.2019 – 25.05.2019
Ms.L.Meenakshi AP(Sr.Gr.) / ECE			
Mrs.S.Indumathi AP2 / ECE	Research issues and opportunities in VLSI Nanoelectronic Devices	Thiagarajar College of Engineering, Madurai	3 Days 12.04.2019 to 14.04.2019
Mrs.R.Pavithra AP2 / ECE			
Mr.D.Anand AP2 / ECE			

Name of the staff & Designation	Programme	Place	Date
Mrs.R.Arunchithra AP2 / ECE	Design of Microwaves and millimeter wave filters	IIT Kharagpur	5 Days 01.05.2019 to 05.05.2019
Mrs.A.Meena AP2 / ECE	A Deep Dive into Edge Computing Architecture and Future of Data Analytics	CSIR sponsored at K.L.N. College of Engineering	3 Days 29.05.2019 to 31.05.2019
Mr.D.Anand AP2 / ECE			
Dr. R. Mohan Kumar Asso.Prof1 / ECE	Digital India through solid modeling and 3D printing techniques for Indian Industries	K.L.N. College of Engineering – AICTE sponsored	2 weeks 06.06.2019 to 19.06.2019.
Mrs.S.Indumathi AP2 / ECE			
Dr.V.Kejalakshmi, Prof. & HOD / ECE	NPTEL Workshop	IIT Madras	26.07.2019
Mrs.R.Arunchithra AP2 / ECE	Optical Fiber Technology and Photonic Devices for Communication and Industrial Applications	NIT Tiruchirapalli (in association with Institution of Engineers)	09.08.2019 & 10.08.2019
Mrs.T.R.Muthu AP(Sr.Gr)/ECE	How to Write Good Quality Research Articles and LaTeX	K.L.N. College of Engineering.	25.07.2019 & 26.07.2019
Dr.N.Janakiraman, Prof/ECE/KLNCE	How to Write Good Quality Research Articles and LaTeX	K.L.N. College of Engineering.	25.07.2019 & 26.07.2019
Mr.S.R.Naresh Asso.Prof1 / ECE	Keysight Education Symposium	Fortune Pandian Hotel	20.09.2018
Mrs.M.Amudha AP(Sr.Gr.) / ECE	Xilinx and Vivado design flow & high level synthesis flow using Zynq	K.L.N. College of Engineering.	25.09.2018 & 26.09.2018

NPTEL Online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Dr.P.Karpagavalli ASP/ECE	AICTE sponsored FDP on Digital Image Processing	29.07.2019 to 18.10.2019	AICTE	-
Mrs.P.Selvi AP(Sr.Gr /ECE)	AICTE sponsored FDP on Digital Image Processing	29.07.2019 to 18.10.2019	AICTE	-
T.R.Muthu AP(Sr.Gr /ECE)	Digital Circuits	29.7.2019 to 18.10.2019	AICTE	-
Mrs. M. Amuda AP(Sr.Gr /ECE)	Digital Circuits / NPTEL	July – Dec 2019	IIT Kharagpur	Elite
Mrs. R. Pavithra (AP/ECE)	Digital Circuits / NPTEL	July – Dec 2019	IIT Kharagpur	Elite+Silver
Dr.P. Karpagavalli ASP/ECE	Digital Circuits / NPTEL	July – Dec 2019	IIT Kharagpur	Elite
Mrs. P. Selvi AP(Sr.Gr /ECE)	Digital Circuits / NPTEL	July – Dec 2019	IIT Kharagpur	Elite
Mrs. K.R. Shanthi ASP/ECE	Principles of Communication Systems – Part II / NPTEL	July – Dec 2019	IIT Kanpur	Elite+Goldr
Mrs. R. Thilagavathy AP(Sr.Gr /ECE)	Principles of Communication Systems – Part II / NPTEL	July – Dec 2019	IIT Kanpur	Elite+Silver
Dr. P. Karpagavalli ASP/ECE	Basis Electric Circuits / NPTEL	July – Dec 2019	IIT Madras	Successfully completed

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Mrs.Arun Chithra.R AP2	Electromagnetic Waves in Guided and Wireless Media	Jan-Apr 2019	IIT Kanpur	Elite +Silver
Mr.Ravi Shankar.S AP2	Computer Architecture and Organisation	Jan-Apr 2019	IIT Kharagpur	Successfully completed
Mr.Selvakumar S AP2	Fundamentals of semiconductor devices	Jan-Apr 2019	IISC Bangalore	Successfully completed
Mr.Anandan.A AP2	Antennas	Jan-Apr 2019	IIT Bombay	Elite+Silver

Staff Achievements / Recognition / Honours

Name and Designation of the Staff	Achievements / Recognition / Honours	Date / Place
Dr. V. Kejalakshmi, HOD / ECE	NPTEL SPOC Award	26.07.2019 IIT Madras

Short Term Courses /Seminars/ Conferences / Workshops/ Symposium Organized

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
11.01.2019	Hands-on training on Software Defined Radio and MSO	NI -Industry expert	40	Dr.S.C.Sivaprakash, Professor/ECE
23.01.2019	Machine Learning Algorithms using Matlab	Mr.E.Ramanujam M.E,(Ph.D) AP/Dept., of IT, Thiagarajar college of Engineering, Madurai.	20	Mr.S.Ravisankar Mr.S.Selvakumar Mr.A.Yusuf khan AP/ECE
09.03.2019	Video and Audio processing	MaxLiv organization, Bangalore	20	Dr.S.Subha Mrs.M.Amudha AP(Sr.Gr /ECE)
24.06.2019	Data Science and Machine learning	Mr. J.Aravind, Live wire	50	Mr.S.R.Naresh , ASP/ECE Mr.S.Ravisankar , AP/ECE Ms. L.Meenakshi, AP(Sr.Gr.)
26.06.2019.	Arduino Basic	Mr. Veerapandi IoT Programmer Four Bends Technologies	53	Dr.R.Mohan kumar Mrs.T.Vidhya Ms.P.Sharmadha
28.06.2019.	Guest Lecture on“Emotional Intelligence”	Et. Prasanna, Manager, Swiss Bank, Singapore	85	Mr.S.Ravisankar AP/ECE

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
01.07.2019. to 03.07.2019.	Electronics made easy	Ms. Prithiya, Managing Director, Galwin Technologies	50	Mrs.T.R.Muthu AP(Sr.Gr)/ECE & Mrs.T.Vidhya AP/ECE
04.07.19	Aptitude and speed mathematics for competitive examination	Mr.Aravind, API institute Madurai	16	Dr.N.Janakiraman Prof/ECE Mr.S.Ravisankar AP/ECE
12.07.2019 & 13.07.2019	Hands on training: Digital Signal Processing	Dr.Masoodhu Banu N.M Prof/HOD, Biomedical Engg, Vel tech Dr.Sagunthala R&D Institute of Science & Technology, Chennai Mr.S.A.Sheik Mastthan AP/Mechatronics Thiagarajar College of Engineering Madurai	50	Dr.S.Subha AP(SG)/ECE & Mrs.R.Thilagavathy AP/ECE
22.07.2019	Higher studies	Mr.Prasana TIME institute Madurai	103	Mr.S.R.Naresh ASP/ECE Mr.S.Ravisankar AP/ECE
22.07.2019	Job Opportunities	Mr.Prasana TIME institute Madurai	120	Mr.S.R.Naresh ASP/ECE Mr.S.Ravisankar AP/ECE

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
25.07.2019	Amazon web services	ICTAcademy Chennai	120	Dr.N.Janakiraman Prof/ECE Mr.S.Ravisankar AP/ECE
25.07.2019 & 26.07.2019	How to Write Good Quality Research Articles and LaTeX	Dr. N. Janakiraman, Prof./ECE	20	Dr. N. Janakiraman, Prof./ECE, Dr. P. Karpagavalli, Asso. Prof./ECE, Mr. V. Muthuganesh AP2 ECE
27.07.2019	Artificial Intelligence-Python	Mr.R.Vaira Selvam AI Solution Architect Capgemini Technologies Bangalore	103	Mrs.M.Amudha AP/ECE & MrsR.Pavithra AP/ECE
29.07.2019.	IETE Sponsored Miniproject Contest 2k19	External Judges Er.R.Vengadeswaran.,M.E., M.B.A Junior Telecom Officer (STR) BSNL, Virudhunagar Mr. A.Sai Subramanian M.Tech, R & D Engineering, IEC, Madurai Internal Judges Mrs.S.Nagammai HOD/E&I. Mr.A.Marimuthu ASP1/ECE K.L.N. College of Engineering	191	Dr.R.Mohan Kumar ASP/ECE Dr.S.Subha AP(SG)/ECE

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
06.08.2019	“Higher studies- GATE”	Balsu Academy Madurai	103	Mr.S.R.Naresh ASP/ECE Mr.S.Ravisankar AP/ECE
08.08.2019	“Python programming”	Aptech, Madurai	71	Mr.S.R.Naresh ASP/ECE Mr.S.Ravisankar AP/ECE
14.09.2019	National Level Technical Symposium 2019	Mr.Ajay Anantha Narayanan Site Leader , Honeywell Technology Solution ,Madurai	200	Mr.Ravishankar AP/ECE & Mr.A.Anandhan AP/ECE
25.11.2019. to 29.11.2019.	Core Copentency Development Proram: Basic Core1, Core2 (Lab VIEW)	Mr. Joel Jebaraj Application Engineer, VI Solutions Bangalore	200	Mr.Ravishankar AP/ECE & Mr.A.Anandhan AP/ECE

Guest lecture organized

Date	Topic / Title	Details of Resource persons	Number of participants	Year
11.02.2019	Job opportunity in Indian Prestigious services like IAS, IPS, IFS, Group A and Group B	Junior IAS Academy	118	III
28.02.2019	Awareness program for Higher studies in abroad	Mr.Pramod Joseph Krishna consultancy	40	III
01.03.2019	Internet Of Things	Mr.Sanmuganathan, Kalvi Institute	174	III,II
20.05.2019 to 22.05.2019 24.05.2019	CCNA , OS and Embedded Training .Net, PHP and Android Training	SSI APTECH, Madurai Pentaxial Technologies, Madurai	118 118	III
25.06.2019 to 29.06.2019 01.07.2019	CCNA , OS and Embedded Training .Net, PHP and Android Training	APTECH, Madurai Pentaxial Technologies, Madurai	118 118	III
20.05.2019 to 22.05.2019 25.05.2019 to 29.06.2019 01.07.2019	JAVA Training	Silicon Services, Madurai	118	III
04.07.2019.	“Aptitude and speed Mathematics for Competitive Examination”	Mr.Aravind, API Institute, Madurai	111	IV

Date	Topic / Title	Details of Resource persons	Number of participants	Year
04.07.2019.	Mechatronics Society	Mr.Sriram Drone Developer, Madurai	111	I
22.07.2019.	Higher Studies	Mr. Prasanna, Time Institute, Madurai	118	III
22.07.2019.	Job Opportunities	Mr. Prasanna, Time Institute, Madurai	111	IV
25.17.2019.	Amazon Web Services	ICT Academy Chennai	111	IV
06.08.2019.	Higher Studies – GATE	Balsu Academy Madurai	118	III
08.08.2019.	Python Programming	APTECH, Madurai	71	I
03.09.2019.	Digital Marketing	Mr.Rajeswar Manager – National Institute of Digital Marketing ,Bangalore	111	I
19.09.2019.	Job Opportunities – Guidance	Ms. S. Irfana Yasmeen, TCS	118	III
28.09.2019.	Carrier Opportunities	ECE Alumini – Mr. Karthikeyan and Mr. S. Kandesh	118	III

Students Participation in National Conferences / Symposium and Other Events / Sports Activities

Name	Year	Title of Event	Venue/ Date	Prize Won
C.R.Arati	III Year	Participated and showcase the Project AGRICULTURE EMBRACING THE IOT in the eighth "Project Innovation Contest "	KIIT ,Bhubaneswar, Odisha, India 10.01.2019 to 13.01.2019	Participation
S.Venuvaneshwari	II Year	Participated in the workshop on Ethical Hacking	Networkz Systems, Madurai 19.01.2019	Participation
B.Kavivarshini	II Year	Participated in the workshop on Ethical Hacking	Networkz Systems, Madurai 20.01.2019	Participation
M.S.Pavithra	II Year	Participated in the workshop on Ethical Hacking	Networkz Systems, Madurai 20.01.2019	Participation
K.Ratchana	II Year	Participated in the workshop on Digital Marketing	Networkz Systems, Madurai 20.01.2019	Participation
C.Ishwarya	II Year	Participated in the one day hands on workshop entitled "Machine Learning algorithms using Matlab" Organized in association with ISTE students chapter	K.L.N College of Engineering, Pottapalayam 23.01.2019	Participation
M.S.Pavitha	II Year			
B.Kavivarshini	II Year			
A.Swetha	II Year			
C. Varshini	II Year			
S.Venuvaneshwari	II Year			
R.Monika	II Year			

Name	Year	Title of Event	Venue/ Date	Prize Won
P.K.Tharun Ashish Rithu	III Year	Participated in Project Display at National Level Technical Colloquium EVATAR'19 organized by EEE Dept	Kamaraj College of Engineering and Technology 25.01.2019	Won II Prize
P.K.Tharun Ashish Rithu	III Year	Participated in Technical and Non-Technical Events in the National Level Technical Colloquium EVATAR'19 organized by EEE Dept	Kamaraj College of Engineering and Technology 25.01.2019	Participation
Ram Praveen Babu.T.S	III Year	Participated in Project Display at National Level Technical Colloquium EVATAR'19 organized by EEE Dept	Kamaraj College of Engineering and Technology 25.01.2019	Won II Prize
Ram Praveen Babu.T.S	III Year	Participated in the Block Chain and Cryptocurrency workshop held at Vortex'19,the National Level Technical Symposium organized by CSE Association	National Institute of Technology, Tiruchirapalli 01.02.2019 to 03.02.2019	Participation
P.K.Tharun Ashish Rithu	III Year			
S.Nevethanaa	II Year	Participated in "Embedded System Design using GC3200-IoT" workshop at PROBE 2019	National Institute of Technology, Tiruchirapalli 02.02.2019 to 03.02.2019	Participation
S.Subhasri	II Year	Participated in Technical events of GYAN MITRA'19 ,A National level Techno-Management Symposium	Mepco Schlenk Engineering College, Sivakasi 08.02.2019 to 09.02.2019	Participation
S.Subhasri	II Year	Presented a paper titled Smart and Intelligent water supply system for city corporation at GYAN MITRA'19 ,A National level Techno-Management Symposium	Mepco Schlenk Engineering College, Sivakasi 08.02.2019 to 09.02.2019	Won I Prize

Name	Year	Title of Event	Venue/ Date	Prize Won
C.Varshini	II Year	Presented a paper titled Smart and Intelligent water supply system for city corporation at GYAN MITRA'19 ,A National level Techno-Management Symposium	Mepco Schlenk Engineering College, Sivakasi 08.02.2019 to 09.02.2019	Won I Prize
R.S.Varsha	III Year	Presented a Project titled Accident avoidance of vehicle using multisensor in GYAN MITRA'19 ,A National level Techno-Management Symposium	Mepco Schlenk Engineering College, Sivakasi 08.02.2019 to 09.02.2019	Participation
K.H.Uma Maheswari	III Year	Presented a Project titled Accident avoidance of vehicle using multisensor in GYAN MITRA'19 ,A National level Techno-Management Symposium	Mepco Schlenk Engineering College,Sivakasi 08.02.2019 to 09.02.2019	Participation
G.A.Sakthi	III Year	Participated in the event LETZ MAKE ENGINEER of GYAN MITRA'19 ,A National level Techno-Management Symposium	Mepco Schlenk Engineering College, Sivakasi 08.02.2019 to 09.02.2019	Won I Prize
G.A.Sakthi	III Year	Participated in the event FESTORIC of GYAN MITRA'19 ,A National level Techno-Management Symposium	Mepco Schlenk Engineering College, Sivakasi 08.02.2019 to 09.02.2019	Won I Prize
T.S.LakshmiPriya	III Year	Participated in the event LETZ MAKE ENGINEER of GYAN MITRA'19 ,A National level Techno-Management Symposium	Mepco Schlenk Engineering College, Sivakasi 08.02.2019 to 09.02.2019	Won I Prize
T.S.LakshmiPriya	III Year	Participated in the event FESTORIC of GYAN MITRA'19 ,A National level Techno-Management Symposium	Mepco Schlenk Engineering College, Sivakasi 08.02.2019 to 09.02.2019	Won I Prize

Name	Year	Title of Event	Venue/ Date	Prize Won
S.Rajhalakshmi	III Year	Participated in the events of TECH XPLORE 2019	Sethu Institute of Technology, Kariapatti 13.02.2019	Participation
P.Priyadarshini	III Year	Participated in the events of TECH XPLORE 2019	Sethu Institute of Technology, Kariapatti 13.02.2019	Participation
G.Priyadarshini	III Year	Participated in the events of TECH XPLORE 2019	Sethu Institute of Technology, Kariapatti 13.02.2019	Participation
M.Rahini	III Year	Participated in the events of TECH XPLORE 2019	Sethu Institute of Technology, Kariapatti 13.02.2019	Participation
M.Muthulaksmi	III Year	Participated in the events of TECH XPLORE 2019	Sethu Institute of Technology, Kariapatti 13.02.2019	Participation
K.Jeyasumitha	III Year	Participated in the events of TECH XPLORE 2019	Sethu Institute of Technology, Kariapatti 13.02.2019	Participation
K.Mathubala	III Year	Participated in the event Paper Presentation of TECH XPLORE 2019	Sethu Institute of Technology, Kariapatti 13.02.2019	Participation
U.Priyadarshini	III Year	Participated in the event Paper Presentation of TECH XPLORE 2019	Sethu Institute of Technology, Kariapatti 13.02.2019	Participation
K.Rohini	III Year	Participated in the event Code Generation of TECH XPLORE 2019	Sethu Institute of Technology, Kariapatti 13.02.2019	Participation
K.V.Nantha				
S.Gowtham				
K.DhineshPandi				

Name	Year	Title of Event	Venue/ Date	Prize Won
M.N.Yokeshkumar	III Year	Participated in the PYTHON workshop organized by CURRENTS '19 ,the National level technical symposium of EEE dept	National Institute of Technology, Tiruchirapalli 14.02.2019 to 17.02.2019	Participation
E.Rajaganapathi				
M.Pasupathi				
K.K.Maharishe				
K.B.Nirmish				
R.G.Kiran				
S.Karthikeya				
P.Madusudhan				
A.S.Niveshchand	III Year	Participated in the PYTHON workshop organized by CURRENTS '19 ,the National level technical symposium of EEE dept	National Institute of Technology, Tiruchirapalli 14.02.2019 to 17.02.2019	Participation
G.N.Kishore Kumar				
S.Sandiya				
Koushika sithu Sekar				
T.S.P.Sahitya Sonali				
J.K.Ajitha				
D.Bala Muralidharan				

Name	Year	Title of Event	Venue/ Date	Prize Won
C.S.V.Pradhusha	III Year	Participated in the PYTHON workshop organized by CURRENTS '19 ,the National level technical symposium of EEE dept	National Institute of Technology, Tiruchirapalli 14.02.2019 to 17.02.2019	Participation
L.K.Aakash Babu				
R.R.Aswath				
S.Rambabu				
J.Jerlin Angel				
S.Sankarprabhu				
R.K. Vignesh Kumar				
R.S.Saiprasath				
B.C. Vigneshbabu				
S.Shanmugapriyan				
C.R.Arati	II Year	Participated in the PCB DESIGN workshop organized by CURRENTS '19 ,the National level technical symposium of EEE dept	National Institute of Technology, Tiruchirapalli 14.02.2019 to 17.02.2019	Participation
T.S.Punitha				
S.G.Venaktesh Babu				
T.S.Vignesh				
K.T.Gajalakshmi	II Year			
M.H.Harshitha	II Year			
M.S.Priyadarshini	III Year			
R.Lavanya	II Year			

Name	Year	Title of Event	Venue/ Date	Prize Won
T.Aishwarya Raj	II Year	Participated in the AUGMENTED REALITY workshop organized by CURRENTS '19 ,the National level technical symposium of EEE dept	National Institute of Technology, Tiruchirapalli 14.02.2019 to 17.02.2019	Participation
R.Lavanya				
R.R.Karishma Shree				
V.Ranjani				
N.G.B.Subhasri				
R.R.RaagaVarshini				
C.AjithKumar				
M.Lakshmana Prabhu				
R.Monika	II Year	Participated in the IMAGE PROCESSING workshop organized by CURRENTS '19 ,the National level technical symposium of EEE dept	National Institute of Technology, Tiruchirapalli 14.02.2019 to 17.02.2019	Participation
C.Ishwarya				
R.S.Varsha				
K.H.Uma Maheswari				
R.Lavanya	II Year			
G.A.Sakthi	III Year	Participated in paper presentation at Yaksha'19 organized by CSE Association	National Engineering College, Kovilpatti 19.02.2019 to 20.02.2019	Participation
J.Shanmugapriya				
M.Fauthima Parveen	III Year	Participated in the event REFERATU at COGNOLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Participation
M.Devi Bala				
J.Shanmugapriya				
J.J.Ishwarya				

Name	Year	Title of Event	Venue/ Date	Prize Won
G.A.Sakthi				
M.R.Swetha	III Year	Participated in the event GEEKZ at COGNOBLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Won III Prize
K.Surekha	III Year	Participated in the event GEEKZ at COGNOBLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Won II Prize
D.Sneha	III Year	Participated in the event GEEKZ at COGNOBLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Won II Prize
M.Fauthima Parveen	III Year	Participated in the event KWIZ CONCOURS at COGNOBLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Won II Prize
M.Devi Bala	III Year	Participated in the event KWIZ CONCOURS at COGNOBLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Won II Prize
T.Vanmathi	III Year	Participated in the event KWIZ CONCOURS at COGNOBLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Won III Prize

Name	Year	Title of Event	Venue/ Date	Prize Won
K.Surekha	III Year	Participated in the event KWIZ CONCOURS at COGNOBLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Won III Prize
D.Sneha	III Year	Participated in the event KWIZ CONCOURS at COGNOBLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Won III Prize
L.K.Swetha	III Year	Participated in the event MERCATIQUE at COGNOBLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Won III Prize
M.Devi Bala	III Year	Participated in the event MERCATIQUE at COGNOBLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Won III Prize
M.R.Swetha	III Year	Participated in the event MERCATIQUE at COGNOBLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Won II Prize
T.S.LakshmiPriya	III Year	Participated in the event CUT THE GUARDIAN KNOT at COGNOBLAZE'19 ,One day National level technical symposium by dept of CSE	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi / 25.02.2019	Won I Prize

Name	Year	Title of Event	Venue/ Date	Prize Won
K.S.Nandhini	III Year	Participated in the events of LENZ VILLAGE in ELECTROZYNE'19,A national level technical symposium by dept of ECE	K.L.N College of Information Technology, Pottapalayam / 28.02.2019	Won II Prize
K.S.Nandhini	III Year	Participated in the events of Paper presentation in TRONICSWAR'19,A national level technical symposium by dept of EEE	K.L.N College of Information Technology, Pottapalayam / 28.02.2019	Participation
K.S.Nandhini	III Year	Participated in the events of DUMBCHARADES in ELECTROZYNE'19,A national level technical symposium by dept of ECE	K.L.N College of Information Technology, Pottapalayam / 28.02.2019	Participation
P.K.Tharun Ashish Rithu	III Year	Participated in the events of Project presentation in TRONICSWAR'19,A national level technical symposium by dept of EEE	K.L.N College of Information Technology, Pottapalayam / 28.02.2019	Won II Prize
R.S.Varsha	III Year	Participated in TECHNORIENT7.0- A National Level technical symposium	Kalasalingam Institute of Technology, Krishnankoil / 02.03.2019	Participation
K.H.Uma Maheswari	III Year	Participated in TECHNORIENT7.0- A National Level technical symposium	Kalasalingam Institute of Technology, Krishnankoil / 02.03.2019	Participation
G.Mehala	IV Year	Presented paper entitled MULTIBAND MICROSTRIP RECTANGULAR LOOP ANTENNA in the seventh international conference on ICDASDC-2019	K.L.N College of Information Technology, Pottapalayam 08.03.2019 to 09.03.2019	Participation
V.V.Naharubini				
A.K.Mahalakshmi				

Name	Year	Title of Event	Venue/ Date	Prize Won
K.R.Aishwarya Laxmi	IV Year	GREEN House for the Volley Ball event in the College Sports Meet.	K.L.N College of Engineering, Pottapalayam / 02.03.2019	Won II Prize
K.R.Aishwarya Laxmi	IV Year	GREEN House for the Table Tennis event in the College Sports Meet	K.L.N College of Engineering, Pottapalayam / 02.03.2019	Won II Prize
K.R.Aishwarya Laxmi	IV Year	GREEN House for the Basket Ball event in the College Sports Meet	K.L.N College of Engineering, Pottapalayam / 02.03.2019	Won II Prize
K.R.Aishwarya Laxmi	IV Year	GREEN House for the Badminton event in the College Sports Meet .	K.L.N College of Engineering, Pottapalayam / 02.03.2019	Won II Prize
G.B.Harini	IV Year	BLUE House for the Table Tennis event in the College Sports Meet .	K.L.N College of Engineering, Pottapalayam / 02.03.2019	Won I Prize
G.B.Harini	IV Year	BLUE House for the Throw Ball event in the College Sports Meet.	K.L.N College of Engineering, Pottapalayam / 02.03.2019	Won II Prize
G.B.Harini	IV Year	BLUE House for the Javelin event in the College Sports Meet.	K.L.N College of Engineering, Pottapalayam / 02.03.2019	Won III Prize
G.B.Harini	IV Year	BLUE House for the Badminton event in the College Sports Meet .	K.L.N College of Engineering, Pottapalayam / 02.03.2019	Won I Prize
G.B.Harini	IV Year	BLUE House for the Ball Badminton event in the College Sports Meet .	K.L.N College of Engineering, Pottapalayam / 02.03.2019	Won I Prize
G.B.Harini	IV Year	BLUE House for the Tennikoit event in the College Sports Meet .	K.L.N College of Engineering, Pottapalayam / 02.03.2019	Won I Prize
M.Priyadharshini	III	Participated in Power Point Presentation competition	K.L.N College of Engineering. 19.08.2019. and 22.08.2019	Participated

Name	Year	Title of Event	Venue/ Date	Prize Won
P.Preethi	III	Participated in Power Point Presentation competition	K.L.N College of Engineering. 19.08.2019. and 22.08.2019	Participated
K.K.Priyadharshini	III	Participated in Power Point Presentation competition	K.L.N College of Engineering. 19.08.2019. and 22.08.2019	Participated
M.Aruna	III	Participated in State Level Technical Symposium GenNext2019	Velammal College of engineering and Technology 30.08.2019.	Participated

NPTEL Online Certification Courses (Student)

Name of the Student	Year	Course Title	Course duration	Course conducted by	Award
Shanmughapriyan S	IV	Computer Architecture and Organisation	Jan-Apr 2019	IIT Kharagpur	Successfully completed
Yogesh T D G	IV	Computer Architecture and Organisation	Jan-Apr 2019	IIT Kharagpur	Successfully completed
Surya Kumar Rs	IV	Computer Architecture and Organisation	Jan-Apr 2019	IIT Kharagpur	Successfully completed
Shunmugapriya.J	IV	Computer Architecture and Organisation	Jan-Apr 2019	IIT Kharagpur	Successfully completed
Sakthi G A	IV	Computer Architecture and Organisation	Jan-Apr 2019	IIT Kharagpur	Successfully completed

Name of the Student	Year	Course Title	Course duration	Course conducted by	Award
Sakthi G A	IV	Cloud Computing	Jan-Apr 2019	IIT Kharagpur	Elite +Silver
R.S.Varsha	IV	Antennas	Jan-Apr 2019	IIT Bombay	Successfully completed
K.H.Umamaheswari	IV	Antennas	Jan-Apr 2019	IIT Bombay	Successfully completed
Swetha.M.R	IV	Antennas	Jan-Apr 2019	IIT Bombay	Successfully completed
T.Vanmathi	IV	Antennas	Jan-Apr 2019	IIT Bombay	Elite
Nevethanaa.S	III	Problem solving through Programming In C	Jan-Apr 2019	IIT Kharagpur	Elite +Silver
Madhumitha.B	III	Problem solving through Programming In C	Jan-Apr 2019	IIT Kharagpur	Successfully completed
Meenakshi B	III	Problem solving through Programming In C	Jan-Apr 2019	IIT Kharagpur	Successfully completed
C.K.Vignesh	III	Attended workshop on IOT with ARDUINO (NODE MCU-2019) Conducted by TOP Engineers	18.08.2019	IIT MADRAS RESEARCH PARK, Chennai	Participated

Industrial Visits

Year / Sem	Date	Industry Visited
III	11.01.2019	ADANI GREEN ENERGY (TN) Ltd, Kamuthi (Ramanathapuram District)
III	22.02.2019	Airport Authority of India, Madurai



National Level Technical Symposium



Teachers Day Celebratio

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Publications in International / National Journal

1. **Dr.M.Raghini, Dr.S.Miruna Joe Amali, S.Brindha,**" Analysis of Attack Scenarios in Trust Authentication Protocols ", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9, Issue-2S2, December 2019.
2. **Dr.R.Lakshmi & S.Baskar,**" Novel term weighting schemes for document representation based on ranking of terms and Fuzzy logic with semantic relationship of terms ", Expert Systems with Applications, Volume 137, 15 December 2019, Pages 493-503.
3. **Dr.R.Lakshmi & S.Baskar,**" DIC-DOC-K-means: Dissimilarity-based Initial Centroid selection for DOCument clustering using K-means for improving the effectiveness of text document clustering ", Journal of Information Science, Volume 45, issue 6. December 2019 pp.818–832.
4. **Mrs.P.Jeya Durga,** " Predicting Prostate Cancer In Early Stage ", International Journal of Management, Technology And Engineering.
5. **Mrs.S.Venkata Lakshmi,** " Diagnosis of Chronic Kidney Disease using Random Forest Algorithms ", International Journal of Research in Engineering, Science and Management.

Publications in International / National Conference

1. **B.M.Nagarajan,**"Smart integration using sign language recognition for deaf and dumb ", Kalasalingam Global Conference KGC-2019, Kalasalingam Academy of Research and Education on 20-12-2019.
2. **Dr.V.Akilandeswari ,Mrs. K. ArunaSakthi,**" Efficient Software Defined Networking Using IOT in Edge Computing ", Kalasalingam Global Conference KGC-2019, Kalasalingam Academy of Research and Education on 20-12-2019.
3. **S.S.Sarmila,**" The novel approaches for agriculture b ", Kalasalingam Global Conference KGC-2019, Kalasalingam Academy of Research and Education on 20-12-2019.
4. **Dr.M.Raghini,Dr.S.Miruna Joe Amali, S.Brindha,**" Analysis of Attack Scenarios in Trust Authentication Protocols", Kalasalingam Global Conference KGC-2019, Kalasalingam Academy of Research and Education on 20-12-2019.
5. **Dr.S.Miruna Joe Amali, S.Brindha,**" Age estimation using LBPH and SVM learning ", Smart Computing and Advanced Communication , PSNA college of engineering on 15-3-19.
6. **Mr.B.M.Nagarajan,** " Wireless Water Management", Emerging Trends in Engineering and Technology, Pandian Saraswathy Yadav Engineering on 15.03.19 to 16.03.19.

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Dr.V.Akilandeswari AP(Sr.GR)	Implementations and improvement of features and performance of public chat room	Inside Global, Madurai	13.06.2019 to 18.06.2019
Mrs.S.S.Sarmila AP/CSE	Trends in Android	G.V Solutions, Madurai	10.06.2019 to 15.06.2019
Dr.M.Raghini ASP/CSE Mrs.S.S.Sarmila, AP/CSE	Women'S Economic Empowerment: Enhanci`ng Participation of Women in Economic Development for Achieving Gender Equality and the Advancement of Women sponsored by national Commission for Women (NCW),New Delhi	K.L.N. College of Engineering	21.03.2019 to 22.03.2019
Dr.M.Raghini ASP/CSE	One Day Industry Connect cum Research Seminar on "Embracing Industry 4.0	Dr.N.G.P. Institute of Technology	23.02.2019
Mrs. R.Lakshmi, ASP/CSE Mrs.S.S.Sarmila, AP/CSE	ICT Academy Supported Declarative Development for platform App builders	K.L.N. College of Engineering	25.03.2019 to 29.03.2019
Mr.D.Pravin Kumar, ASP/CSE	How to do a good Ph.D?	Anna University, Chennai	
Dr.V.Akilandeswari, AP(Sr.Gr)/CSE	Women'S Economic Empowerment: Enhancing Participation of Women in Economic Development for Achieving Gender Equality and the Advancement of Women sponsored by national Commission for Women (NCW),New Delhi	K.L.N. College of Engineering	21.03.2019 to 22.03.2019

Name of the staff & Designation	Programme	Place	Date
Mrs.S.Venkata Lakshmi AP/CSE	Women'S Economic Empowerment: Enhancing Participation of Women in Economic Development for Achieving Gender Equality and the Advancement of Women	K.L.N. College of Engineering	21.03.2019 to 22.03.2019
Mrs.S.Venkata Lakshmi AP/CSE	ICT Academy Supported Declarative Development for platform App builders	K.L.N. College of Engineering	25.03.2019 to 29.03.2019
Mrs.V.Karpagam, AP(Sr.Gr)/CSE	Women'S Economic Empowerment: Enhancing Participation of Women in Economic Development for Achieving Gender Equality and the Advancement of Women	K.L.N. College of Engineering	21.03.2019 to 22.03.2019
Mrs.V.Karpagam, AP(Sr.Gr)/CSE	ICT Academy Supported Declarative Development for platform App builders	K.L.N. College of Engineering	25.03.2019 to 29.03.2019
Dr.T.R.Vedhavathy Professor/CSE	Women'S Economic Empowerment: Enhancing Participation of Women in Economic Development for Achieving Gender Equality and the Advancement of Women	K.L.N. College of Engineering	21.03.2019 to 22.03.2019
Dr.T.R.Vedhavathy Professor/CSE	ICT Academy Supported Declarative Development for platform App builders	K.L.N. College of Engineering	25.03.2019 to 29.03.2019
Ms.S.Brindha AP/CSE	Industrial applications of soft computing techniques	Thiagarajar college of Engineering	15.03.2019 & 16.03.2019

Name of the staff & Designation	Programme	Place	Date
Mrs.V.Karpagam, AP(Sr.Gr)/CSE Mrs.S.Venkata Lakshmi, AP/CSE	AICTE sponsored STTP on Intelligent Video Analytics	PSNA College of Engineering	31.07.2019 to 05.08.2019
Dr. S. Miruna Joe Amali Professor / CSE Ms. S. Brindha AP/CSE	Python Programming by ICTACT	Lady Doak College, Madurai	26.08.2019 to 30.08.2019
Dr.T.R.Vedhavathy	Certificate Course on Effective Patent Search and Drafting-2019	Thiagarajar College of Engineering	25.11.2019 to 29.11.2019
Dr.V.Akilandeswari	R Programming	Kalasalingam University, Krishnankoil	09.11.2019
Mrs.S.Sarmila,	R Programming	Kalasalingam University, Krishnankoil	09.11.2019

Staff Achievements / Recognition / Honours

Name of the Staff & Designation	Name of the awards / achievements	Date
Dr.B.Buvaneswari, ASP/CSE	Certificate of Appreciation - Department Co-coordinator in conducting IIT spoken Tutorial Project - QCQE	19.03.2019
Dr.B.Buvaneswari, ASP/CSE	Certificate of Appreciation- Tireless effort for Taken for QCQE'S activity - QCQE	19.03.2019
Mrs.S.S.Sarmila AP/CSE	Session chair in ICCDCIT	10.01.2019 to 13.01.2019

Short Term Courses /Seminars/ Conferences / Workshops/ Symposium Organized

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
19.01.2019	IIPC Sponsored One day Technical Festival “techno Waves-19	Mr.F.P. Bala Murugan Co-founder and CEO, Guvi Technology, Chennai	25	Mrs.P.Jeya Durga Mrs.R.Kirubahari
04.03.2019	IIPC Sponsored Competency Development Program Introduction to IOT	Mr.Kabilesh, Training Head, ZORA Online	40	Dr.S.Miruna Joe Amali, Ms.S.Brindha
14.03.2019	IIPC sponsored Introduction to Android and IOS	R.kabilesh, Training Head, Aurora Technologies	25	Mrs.P.Jeya Durga Mrs.R.Kirubahari
15.03.2019	IIPC Sponsored Expert Talk on Software Testing	Ms.A.P.Blaize, Test Engineer, TCS Chennai	69	Dr. V .Akilandeswari Mrs.K.Arunasakthi
25.03.2019 to 29.03.2019	5 days ICTACT Sponsored FDP on Declarative Mobile App Development	Mrs.Kamatichi, Senior Trainer	19	R. Anandha Murugan AP/CSE
28.03.2019	IIPC Sponsored Personality Development Program	Prof.K.Manikandan Trainer and Personal Director, Grow Yourself Organization	90	Mrs.T.RVedhavathy Prof/CSE Mr.J.SulthanAliKhan AP(Sr.Gr)
25.11.2019 to 29.11.2019	ADX-201 Salesforce course	Ms. Kamachi	50 Students	Mr.R. Anandha Murugan
22.08.2019 to 05.09.2019	CSS crop master training	Industrial Experts	31-Students	Mr.R. Anandha Murugan
17.5.2019	ICTACT supported Workshop on AWS Master Class	Mr. Dinesh Trainer ICTACT	18	R. Anandha Murugan AP/CSE

Guest Lecture Delivered by Staff

Name of the staff & Designation	Programme	Place	Date
Dr. S. Miruna Joe Amali Professor Ms.S.Brindha AP/CSE	Edge computing	Mangayarkarasi college of Engineering	25.06.2019

Guest Lecture Organized

Date	Topic / Title	Details of Resource persons	Number of participants	Year
05.09.2019	Software Testing Training Program	Mr.A.David Tandem Informatics Madurai	60	III

Funds Obtained From National Bodies / Au / Industry

Date	Topic / Title	Funds Agency	Details of Resource persons	Amount Received	Number of participants	Co-ordinator
29.05.2019 to 31.05.2019	A Deep Dive into Edge Computing Architecture and Future of Data Analytics	CSIR	Dr. P. Arun Raj Kumar, Assistant Professor National Institute of Technology, Calicut	Rs.36,000	20	Dr.S.Miruna Joe Amali, Prof/CSE Ms.S.Brindha, AP/CSE Dr.M.Raghini, ASP/CSE Mrs.S.Venkatalakshmi AP/CSE

Students Participation in National Conferences / Symposium and other Events / Sports Activities

Name of the student	Year	Title of the event	Venue / Date	Prize won
S.Meenakshi	IV Year	Project Contest	ICT Academy 01.08.2019	III
K.G.Pavithra	IV Year	Project Contest	ICT Academy 01.08.2019	III
V.Preetha	IV Year	Project Contest	ICT Academy 01.08.2019	III
J.H.Madhumitha	IV Year	Project Contest	ICT Academy 01.08.2019	III
A H Srija	IV Year	Project Contest	ICT Academy 01.08.2019	III
S.R.Ishwarya	IV Year	Project Contest	KIIT, ODISHA 01.10.2019	IV
Nb Harshini	IV Year	Project Contest	KIIT ODISHA 01.10.2019	IV
Shrinidhi M	IV Year	Skill Tester	ICT Academy 23.07.2019	Participated
Sibi Vishtan T T	II Year	Workshop - Techobyte	IIT Madras 27.07.2019 & 28.07.2019	Participated
Vishnu Kumar T S	II Year	Workshop - Techobyte	IIT Madras 27.07.2019 & 28.07.2019	Participated
Karthiga R	II Year	Skill Tester	ICT Academy 14.08.2019	Participated
Vishnu Kumar T S	II Year	Skill Tester	ICT Academy 14.08.2019	Participated
Sibi Vishtan T T	II Year	Skill Tester	ICT Academy 14.08.2019	
Karthiga R	II Year	ERUPTA 2019 - Symposium	Sethu Institute of Technology, Virudhunagar 12.09.2019	Participated
Sibi Vishtan T T	II Year	National Level Technical Symposium	PSG College of Technology, Coimbatore 28.09.2019 & 29.09.2019	Participated
Vishnukumar T S	II Year	National Level Technical Symposium	PSG College of Technology, Coimbatore 28.09.2019 & 29.09.2019	Participated

Name of the student	Year	Title of the event	Venue / Date	Prize won
Vishnu T K	II Year	National Level Technical Symposium	PSG College of Technology, Coimbatore 28.09.2019 & 29.09.2019	Participated
Logapriya P	II Year	Workshop	Kyrion Technologies Pvt. Ltd, National Institute of Technology, Tiruchirappalli 19.10.2019 – 20.10.2019	Participated
Miruthunjaya T V S	II Year	Workshop	Kyrion Technologies Pvt. Ltd, National Institute of Technology, Tiruchirappalli 19.10.2019 – 20.10.2019	Participated
Harshankrishna Sridevi T M	III Year	Implant Training on IOT	Gateway Software Solutions, Madurai 05.06.2019 – 11.06.2019	Participated
Preetha V Keerthica GR G.V.Kiruba Nandhini	III Year	Implant Training on Web Development/Networking	Gateway Software Solutions, Madurai 05.06.2019 – 12.06.2019	Participated
P.J.Jayashree B.Deepika	III Year	Implant Training on Networking	BSNL Madurai SSA 10.06.2019 – 14.06.2019	Participated
Mounica N.N Sathvika.T.S.	III Year	Implant Training on Artificial Intelligence	Adithya Info Solutions, Madurai 15.06.2019	Participated
Sathvika.T.S.	III Year	Internship	Swachh Bharat Summer Internship 07.01.2019	Participated
K.S.Sushmitha J.Sharmila A R Vaishali Sri S.N.Shwetha S.N.Shwetha	II Year	Symposium Unbox the inbox,	Velammal College of Engineering and technology / 30.8.2019	Participated

NPTEL online Certification Courses (Student)

Name of the Student	Year	Course Title	Course duration	Course conducted by	Award
N.S. Vaishnavi	III	Introduction to machine learning	8 Weeks	IIT Kharagpur	Elite
M. Yuvasree	III	Introduction to programming C	8 Weeks	IIT Kharagpur	Successfully passed
P.S. Shobiga	III	Introduction to programming C	8 Weeks	IIT Kharagpur	Successfully passed
P.S. Shobiga	III	Database management systems	8 Weeks	IIT Kharagpur	Elite
S.V.Priyadharshini	III	Introduction to machine learning	8 Weeks	IIT Kharagpur	Successfully passed
K.Sreevarlakshmi	III	Programming in C++	8 Weeks	IIT Kharagpur	Successfully passed
J.Vishnupriya	II	Problem solving through programming in C	12 Weeks	IIT Kharagpur	Successfully passed

Industrial Visits

Year / Sem	Date	Industry Visited
III Year / 06	01.03.2019	ISRO,Tirunelveli.
I Year / 01	01.08.2019	Kwality Coil Product(Surya Nagar),Madurai.

DEPARTMENT OF AUTOMOBILE ENGINEERING

Publications in International / National Journal

1. **Dr. R.M.Satheesh Kumar, Prof/HOD**, Dr.J.Rajesh Babu, ASP,Mr. S. Mohamed Jameen, AP, Mr.L.Vivekkrishnakumar,AP(Sr.Gr.),“ Performance Characteristics of a CI engine with methyl Ester of Neem oil and Bitter oil- A comparative study”, International Journal of Research - ISSN NO:2236-6124, Volume VIII, Issue III, March/2019

Publications in International / National Conference

1. **Dr. R.M.Satheesh Kumar**, Prof/HOD, Dr.J.Rajesh Babu, ASP,Mr. S. Mohamed Jameen, AP, Mr.L.Vivekkrishnakumar,AP(Sr.Gr.),“ Performance Characteristics of a CI engine with methyl Ester of Neem oil and Bitter oil- A comparative study International Conference on Mechanical and Building Sciences, SNS College of Technology, Coimbatore,March/2019.
2. Mr. R. Vijayabalan, AP, “Design and Fabrication of Hybrid two wheeler”, International Conference on Sustainable Development, Kalasalingam University, Krishnankoil during December 18-20th 2019.

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Mr. S. Suresh, AP(SG) Mr. S. Mohamed Jameen, AP	A Training Programme on Bosch Gasoline and Diesel Engine Management, Active safety system, Drive train and Vehicle Diagnosis.	Bosch Training centre, Bangalore	22.07.2019 to 24.07.2019
Mr. N. Rajkumar, ASP Mr. S. Mohamed Jameen, AP Mr.P. Karthikselvan, AP	Six Days FDTP on “ME8491-Engineering Metallurgy” jointly sponsored by Anna University, Chennai	K.L.N. College of Engineering	25.11.2019 to 30.11.2019
Mr. S. Mohamed Jameen, AP	Skill Development Program on E-Bike Retrofitting organized by Imperial Society of Innovative Engineers(ISIEINDIA)	Dr. Mahalingam College of Engineering & Technology, Pollachi	09.12.2019 to 12.12.2019

NPTEL Online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course Duration	Course conducted by	Award
Dr.J.Rajesh Babu, ASP	Inspection and quality controls in Manufacturing	Jan-Apr 2019	IIT Roorkee	Elite Gold and Topper
Mr.S.Suresh, AP(SG)	Material characterization	Jan-Apr 2019	IIT Madras	Elite
Mr. G.S. Santha Venkatesh, AP	Product Design and Development	Jan-Apr 2019	IIT Madras	Elite Gold and Topper
Mr. G.S. Santha Venkatesh, AP	Product Design using Value Engineering	July-September 2019	IIT Madras	Elite Gold and Topper

Staff Achievements / Recognition / Honours

Name of the Staff& Designation	Name of the awards / achievements	Date
Dr. R.M. Satheesh Kumar, Prof&Head	Judge for Competition for Industry employees and deliver a lecture on Best Practices in SMED/POKA YOKE Concepts, Quality Circle Forum of India Madurai Chapter	25.05.19
Dr. R.M. Satheesh Kumar, Prof&Head	Judge for KAIZEM MELA 2019 Quality circle form of India, Madurai Chapter, Poppys Hotel, Madurai	13.07.19
Dr. R.M. Satheesh Kumar, Prof&Head	Judge for Chapter Convection on Quality Concepts, Quality circle form of India, MIET Engineering College, Trichy	15.09.19
Dr. R.M. Satheesh Kumar, Prof&Head	Judge for KAIZEN Contest ,Quality circle form of India, Madurai Chapter, J.K. Fenner (India) Limited, Madurai	22.11.19

Short Term Courses / Seminars / Conferences / Workshops / Symposium Organized

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
15.02.19	One Day Workshop on “3R AND ISO 14000”	1. Mr.J.Rajagopal, Deputy Manager, RAMCO Cements, Virudhunagar 2. Mr.K.Sundar, Asst. General Manager Quality Assurance, HI-TECH ARAI Pvt. Ltd., Madurai.	30 External 71 Internal Students	Dr. R.M.Satheesh Kumar, Prof/HOD, Er. R. Vijayabalan, AP
28.09.19	One Day Workshop on “Selection. Processing and performance of Engineering Materials”	Dr. P. Parameshwaran, Head, XRDSES, Physical Metallurgy Division, IGCAR, Kalpakkam	44 Students	Mr. N.Rajkumar,ASP1 Mr. S. Suresh, AP(SG)
25.11.19 to 30.11.19	Six Days FDTP on “ME8491- Engineering Metallurgy” jointly sponsored by Anna University, Chennai	1.Dr.J.Jerald, Associate Professor, Department of Production Engineering, NIT, Trichy. 2. Dr. V. Balasubramani Assistant Professor Department of Mechanical Engineering, Thiagarajar College of Engineering, Madurai	24 participants (19 External 5 Internal Staff)	Dr. R.M. Satheesh kumar, Prof & Head Dr .J. Rajesh Babu, ASP

Guest Lecture Organized

Date	Topic / Title	Details of Resource persons	Number of participants	Year
28.01.19	“Industrial Case Study On Automotive New Product Development (NPD)”	Mr. R.G Sakthivel & Mr. K.K Dinesh Babu, Jiametric Technologies Coimbatore	57	IV Year Students
14.03.19	“General Safety Awareness” .	Mr.Vanthematharam Mathavan,Safety Trainer-Agni Fire Safety Private Limited ,Coimbatore	70	II and III year Students
05.08.19	Latest trends in the automotive industry and opportunity to students	Er. Arun kumar prasad, Lead Engineer, Mahindra and Mahindra, Chennai	78	II.III and IV year
28.08.19	Industry expectation on design engineers	Mr.P. Senthil kumar. Future Technologies, Madurai	37	III year

Students Participation in National Conferences / Symposium and Other Events / Sports Activities

Name of the student	Year	Title of the event	Venue / Date	Prize won
34 students	IV year	A Training Programme on Bosch Gasoline and Diesel Engine Management, Active safety system, Drive train and Vehicle Diagnosis.	Bosch Training centre, Bangalore 22.07.19 to 24.07.19	-
V. Hari ram S.K. Ajay A. Syed ajim	IV year	Innovation Student project award - Design and Fabrication of Battery Powered E - Bike	K.L.N.C.E / 08.09.2018	Best project award
S. Manikandan R. Nithis kumar S. Logesh S. Pandimeena	III year	Paper Presentation – State level Symposium GENNEXT 2019	Velammal college of Engineering and Technology, Madurai. 30.08.19	Second Prize
S. Pirainuthal P. Siva vellasamy G. Gurusamy B. Sudharsan	III year	Two day workshop on Fundamentals and research issues in machining welding and non destructive testing [NDT]	MEPCO SCHLNK Engineering college, sivakasi 26.09.19 to 27.09.19	-
S.Pirainuthal R. Nithis kumar V. Jayaprakash S. Logesh S. Manikandan	III year	A Guest lecture on “Emotional Intelligence”	Madurai Productivity club office, Madurai 17.12.19	-
R. Nithis kumar S. Logesh S. Manikandan	III year	International Conference on Sustainable Development- “Design and Fabrication of Hybrid two wheeler”	Kalasalingam University, Krishnankoil During December 18-20 th 2019	-

Industrial Visits

Year / Sem	Date	Industry Visited
34 students of III year / VI semester	04.01.19	TNSTC (Madurai) Ltd, Madurai Region, Pasumalai
37 students of IV year / VIII semester	29.01.19	MM Forging Limited, PLANT 1 Anaikaraipatti, Singampunari.
2 Staffs and 25 Students of III year	27.03.19	ISRO Propulsion Complex, Mahendragiri, Tirunelveli District
IV/VII 34 Students	24.07.19	Bosch India Limited, Bangalore
IV/VII 10 Students	28.07.19	CSIR - CECRI, Karaikudi
II&III/ III & V 42Students	03.10.19	TNSTC (Madurai) Ltd, Madurai Region, Pasumalai



One Day Workshop on “3R AND ISO 14000” Organized through MPC held on 15.02.19



A three days training Programme at Bosch training centre, Bangalore



One Day Workshop on “Selection. Processing and performance of Engineering Materials” held on 28.09.19



Six Days FDTP on “ME8491-Engineering Metallurgy” jointly Sponsored by Anna University, Chennai, during 25 – 30 November 2019.

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Quality Improvement Programs

Name and Designation of the Staff	Seminar / Workshop / Course Attended	Date / Place
Dr.D.Pradeep Kannan, Prof/EIE	Regional Orientation Session on IIC 2.0 and ARIIA 2020	29.07.19 / Kumaraguru College of Technology, Coimbatore
Dr.D.Pradeep Kannan, Prof/EIE	Incubation Awareness Program	24.11.19 / MIET, Tiruchy

NPTEL Online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Mr.R.Naveeth Kumar AP/EIE	Digital Circuits	July-Oct 2019	Online –IIT Kharagpur	Course completed

Short Term Courses /Seminars/ Conferences / Workshops/ Symposium Organized

Date	Topic / Title	Number of participants	Name of the Resource person	Venue
30.09.19	Engineer's Day Celebration	50	DR.P.GaneshKumar Prof/IT	System Design Lab
29.09.19 & 30.09.19	Two day workshop on Cloud Computing	25	Er.Kiran Ram Babu, MD, Maho Jase Technology, Chennai.	System Design Lab

Funds Obtained From National Bodies / Au / Industry

S.No	PI, CO PI	Title of the Project (Faculty /Student)	Fund Generated/ Proposal Applied	Funding Agency	Amount Generated/ Proposed	Date and Month of funding applied
1.	PI Dr.M.R.Thanasekar, Prof/Mech Dr.B.Buveneswari, ASP/CSE CO-PI Mrs.S.Nagammai, Prof&Head/EIE Dr.A.Umarani, Prof/EIE Dr.S.Balamurugan, AP(SG)/EIE Mrs.T.R.Muthu, AP(SG)/ECE	Design and Development of a novel personal Assistive system (PAS) using harmless Light Fidelity(Li-Fi) Technology for Elderly People suffering from Dementia Syndrome	Proposal submitted	QC-ARD	Rs.1,04,980/	11.11.19
2.	PI Dr.A.Umarani, Prof/EIE Dr.S.Balamurugan, AP(SG)/EIE CO-PI Dr.M.R.Thanasekar, Prof/Mech Mrs.S.Nagammai, Prof&Head/EIE Mrs.V.Malarvizhi, AP/EIE Mrs.N.VishnuDevi, AP/EIE Mr.R.NaveethKumar,AP/EIE	IOT Embedded Drone for Harvesting of Honey to Empower the Tribal people for their Sustained Livelihood.			Rs.1,06,960/	11.11.19
3.	PI Dr.M.R.Thanasekar, Prof/Mech CO-PI Mrs.S.Nagammai, Prof&Head/EIE Dr.A.Umarani, Prof/EIE Dr.S.Balamurugan, AP(SG)/EIE Dr.B.Buveneswari, ASP/CSE Mrs.T.R.Muthu, AP(SG)/ECE	Design and Development of a novel personal Assistive system (PAS) using harmless Light Fidelity(Li-Fi) Technology for Elderly People suffering from Dementia Syndrome	Proposal Applied	DST	Rs.41,56320 /-	02.11.19

Students Participation: Implant training

S.No.	Date	Name of the Students	Name of the industry	Topic	Contact Details of the Industry Person
1.	03.06.2019 to 14.06.2019	L.Ishwarya T.J.Harshini	CECRI	Lithium-Ion Battery Science and Technology	Dr.S.Angappan, Senior Scientist/CECRI,
2.	02.12.2019 to 20.12.2019	C.Pradeepa	CECRI	Familiration of Analytical Instruments	Shri.Ratish Kumar, Sr.Technical officier, CECRI

Industrial Visits

Year / Sem	Date	Industry Visited
III /V	23.01.2019	SNP dairy Vadipatti 3/158NH-7,NationalHighway, Ayyankottai,VadipattiTk, Madurai - 625 221, (TN) India.
II & III, & V	26.02.2019	BSNL, Virudhunagar

DEPARTMENT OF INFORMATION TECHNOLOGY

Publications in International / National Journal

1. **Dr. R. Alageswaran, HOD/IT** ,“ A review on Machine Learning ” Pramana Research Journal Volume 9, Issue 6,2019 March 2019
2. **Dr.P.Ganesh Kumar, Prof/IT**,“ Performance and Analysis of Trans multiplexers using Decimator and Interpolator ” Journal of Circuits, systems and Computers(JCSC), World Scientific Publishing Company Vol.28, No.1, (2019) March 2019
3. **Dr.G.Ramesh, Prof/IT**,“ User Profiling Bases On Sentiment Analysis of Twitter Data ” International journal for Scientific Research & Development Vol.7, Issue 01,2019, March 2019
4. **Dr.G.Ramesh, Prof/IT**,“ High Efficient Prediction of Anomaly using HTBRM in online network ” International journal for Research & Development in Technology, Vol.11, Issue 04 Apr-2019,
5. **Dr.J.S.Kanchana, ASP/IT**, “ Improving Cluster efficiency by density based approach using Hybrid optics ” International Journal for Scientific Research and Development Vol 7, Issue 1 March 2019
6. **Dr.J.S.Kanchana, ASP/IT**,“ Efficient Way of Flooding Avoidance using ASFAlgorithm in Wireless Data Centers ” International Journal of Research in Engineering, Science and Management (IJRESM) Volume:2, Issue :4, April 2019
7. **Mr. S. Ilangovan, ASP/IT**,“ A Hybrid Feature Selection Method for Effective Data Classification in Data Mining Applications ” Springer – Mar-19
8. **Mr. S. Ilangovan, ASP/IT**, “ Effective Feature Selection Strategy for Healthcare Analysis using SVM and MLP ” International Journal of Research in Engineering, Science and Management (IJRESM) Volume:2, Issue :3, March 2019
9. **Mr. S. Ilankumaran, ASP/IT**,“ Quality-based pattern C^2 code score-level fusion in multimodal biometric authentication system using pattern net ” Springer – Soft computing FEB 2019.
10. **Mr. S. Ilankumaran, ASP/IT**,“ Multi Bio-metric Authentication Using Finger Vein and Palm Print ” International Journal for Scientific Research and Development Vol 7, Issue 1, March 2019
11. **Mr.C.Pandian, AP(Sr.Gr)/IT**,“ E-Valuating Using Natural Language Processing ” International Journal of Research in Engineering, Science and Management (IJRESM) Volume:2, Issue :3, March 2019
12. **C.Manjula Devi, AP/IT**,“ Garbage Monitoring System Using IOT ” International Journal of Research in Engineering, Science and Management (IJRESM) Volume:2, Issue :3, March 2019
13. **S.Padma Priya, AP/IT**,“ Eco Friendly Vehicle Pollution Detection and Controlling system using IOT ” International Journal of Research in Engineering, Science and Management (IJRESM) Volume:2, Issue :3, March 2019
14. **J.Karthikeyan, AP/IT**,“ Vision Based Autonomous Navigation Robot ” Research in Engineering, Science and Management (IJRESM) Volume:2, Issue :3 March 2019

15. **J.Karthikeyan, AP/IT**, “ Gesture Control Surveillance Robot(GESBOT) ” Research in Engineering, Science and Management (IJRESM Volume:2, Issue :3, March 2019
16. **S. Vijayasharmila, AP/IT**, “ Energy conservation in Mobile Adhoc network using enhanced fitness function ” International Journal for Scientific Research and Development Vol:7, Issue : 1 March 2019
17. **J.Gautam, AP/IT**, “ Efficient Traffic Scheduling and Congestion Control Mechanism in Wireless Networks ” International Journal for Scientific Research and Development Vol. 7, Issue 01, 2019 March 2019

Publications in International / National Conference

1. **Dr. R. Alageswaran, ASP/IT**, “ Enhanced Zone based Clustering Routing (EZCR) based on QoS Parameters ” International Conference on Advanced Scientific Innovation in Science, Engineering and Technology Bharath Institute of higher Education and Research 19.04.19 to 23.04.19
2. **Dr.J.S.Kanchana ASP/IT**, “ Improving the efficiency of clustering with drifting concepts using differential evolutionary particle swarm optimization Algorithm ” Second International Conference on Science, technology, Engineering and Management, 15th & 16th, February 2019. Kumaraguru College of Technology 15 & 16 Feb 19
3. **Mr.L.R.J.Karthik, AP/IT**, “ Online Medical Assistance using Persona Algorithm in NLP ” National Conference on Smart computing and Advanced Communication PSNA College of Engineering and Technology 15th March 2019
4. **Mrs.N.Nandhini AP/IT**, “ Iot Based Oil-Well Monitoring And Controlling System ” National Conference on Smart computing and Advanced Communication PSNA College of Engineering and Technology 15th March 2019
5. **Mr.J.Gautam AP/IT**, “ A Trusted Framework for MANET to Mitigate Wormhole attack ” International Conference on Innovations in Electrical, Information and Communication Engineering (ICIEICE'19) Kongunard College of Engineering and Technology, 23rd March 2019

NPTEL Online Certification Courses (Staff)

Name of the Staff& Designation	Course Title	Course duration	Course conducted by	Award
Dr.R.Alageswaran, HOD/IT	Introduction to Operating systems	Jul-Sep 2019	IIT Madras	Successfully completed
Dr. G. Ramesh, Prof/IT	Programming in JAVA	Jul-Oct 2019	IIT Kharagpur	Elite
Mr.A.Selvaraj, AP(Sr.Gr)/IT	Introduction to Internet of Things	Jul-Oct 2019	IIT Kharagpur	Top 1% Elite + Gold
MRs.C.MAnjula Devi, AP/IT	Introduction to Operating systems	Jul-Sep 2019	IIT Madras	Elite
Mrs.S.Padma Priya, AP/IT	Introduction to Operating systems	Jul-Sep 2019	IIT Madras	Successfully completed

Short Term Courses / Seminars / Conferences / Workshops / Symposium Organized

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
27.09.2019	IIPC Sponsored One day Event on IOT Spark	Er. T. Kabilesh, Free Lance Software Engineer	Third Year IT Students - 50	Dr.R.Alageswaran, HOD/IT
01.10.2019	CLUSITER '19 - CSI State Level Students Technofest	Mr. Muthappan, Technical Lead , WIPRO , Chennai	40 (Internal) & 72 (External) Students	Dr,JS.Kanchana, ASP/IT Mr.S.Ilangovan, ASP/IT
04.10.2019	One day Seminar on Industry Trends on Technology & Essential Skills for Better Opportunities	Mr.Harish Pandurangan, Software Engineering, Comm Scope, Bangalore	Final Year IT Students - 40	Dr.R.Alageswaran, HOD/IT
02.12.2019	SKYPE Talk on "Source Code Versioning"	Mr.T.M. Prasanna Vijayan, Senior Software Engineer (Front End), Fresh works Inc. Chennai	II,III & IV IT Students - 15	Mr.S.Ilankumarn, ASP/IT

Short Term Courses /Seminars/ Conferences / Workshops Attended

S.No.	Name of the faculty	Title of the event, FDP / Workshop / Seminar	Date	Sponsored by (AICTE/ AU / IEEE / IEI / ISTE etc.) / Self Support
1.	Dr.G.Ramesh, Prof/IT	Effective Patent Search and Drafting-2019 (PAT DRAFT – 2019)	25.11.2019 to 29.11.2019	CIPR & Anna University
2.	Dr.G.Ramesh, Prof/IT	Workshop on Deep Dive into Edge Computing Architecture and Future of Data Analytics	29.5.2019 to 31.5.2019	CSIR
3.	Mr. C. Pandian, AP/IT	FDTP on GE8151- Problem solving and python programming	10.6.2019 to 15.6.2019	Anna university
4.	Mr. M. Satheesh Kumar, AP/IT	Certified course on Data science	01.05.2019 to 12.06.2019	Self Support National Institute of Electronics and Information Technology, Chennai.
5.	Mrs. C. Manjula Devi, AP/IT	Declarative Development for Platform App Builders	25.03.2019 to 29.03.2019	ICT Academy
6.	Mrs. N. Nandhini, AP/IT	Declarative Development for Platform App Builders	25.03.2019 to 29.03.2019	ICT Academy
7.	Ms. S. Vijayasharmila, AP/IT	Declarative Development for Platform App Builders	25.03.2019 to 29.03.2019	ICT Academy

Industrial Visits

Year / Sem	Date	Industry Visited
I / I	01.08.2019	HCL Technologies, Madurai

Students Internship Details

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Duration
1.	Remote Internship Programme	Honeywell Technology Solutions	Susmitha VJ	July 2018 to Jan 2019
2.	Remote Internship Programme	Honeywell Technology Solutions	Sivananthan N,	July 2018 to Jan 2019
3.	Remote Internship Programme	Honeywell Technology Solutions	Harish Kumar RS	July 2018 to Jan 2019
4.	Remote Internship Programme	Honeywell Technology Solutions	Divyalakshmi RR,	July 2018 to Jan 2019
5.	Remote Internship Programme	Honeywell Technology Solutions	Saranya M	July 2018 to Jan 2019
6.	Remote Internship Programme	Honeywell Technology Solutions	Divya V	July 2018 to Jan 2019

Resource person detail:

S. No	Name of the faculty	Title of event / topic	Date	Venue
1.	Dr. R. Alageswaran, HOD/IT	Research Perspectives in Data Management Schemes in Engineering Applications	12.12.2018	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi - 03
2.	Dr. R. Alageswaran, HOD/IT	CSIR sponsored “A Deep dive into Edge computing Architecture and Future of Data Analytics”	31.05.2019	K.L.N College of Engineering
3.	Dr. J.S.Kanchana, ASP/IT	Operating System Concepts	01.03.2019	Mangayarkarasi College of Engineering
4.	Mr. M. Satheesh Kumar, AP/IT	Machine Intelligence and IoT	06.07.2018	Kalasalingam University, Krishnan Koil – 626126.

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Quality Improvement Programs

Name and of the staff & Designation	Programme	Place	Date
Mrs.M.S.C.Sujitha., AP/MCA.	Industrial Training – Trends in android	GV Solutions, Annanagar, Madurai	10.06.2019 to 15.06.2019
Dr.S.R.Raja., ASP/MCA.	Outcome based Education – Innovative Teaching Learning Practices and Evaluation sponsored by AICTE	Velammal College of Engineering and Technology, Madurai	10.06.2019 To 22.06.2019

NPTEL Online Certification Courses (Staff)

Name of the staff & Designation	Course Title	Course Duration	Course conducted by	Award
Mrs..Uma Maheswari, AP(Sr.Gr.) / MCA.	Programming in C++	Jan-Mar 2019	NPTEL, IIT,Kharagpur	Elite+Silver
Dr.A.Kannan, Professor/MCA.	Programming in Java	Jan-Apr 2019	NPTEL, IIT,Kharagpur	Elite+Gold
R.Somas Kandan, ASP/MCA.	Problem solving through Programming in C	Jan-Apr 2019	NPTEL, IIT,Kharagpur	Elite

Short Term Courses / Seminar / Conferences / Workshops / Symposium Organized

Date	Topic/Title	Details of Resource Person	No. of Participants	Co-ordinator
27.07.2019	Workshop on “Business Intelligence”	Mr. R. Arvindan, MCA Alumni 2014-2017 Batch is the resource person and handled theory and lab sessions	70	Dr .Mr.Illango., Director/M.C.A. Dr.B.Subashini., AP/MCA.
10.08.2019	Expert Talk - “Awareness on Emerging Technologies”	Mr. L. R. K. Babji Manikandan, Data Engineer, PayPal India Pvt., Ltd., given lecture on Big Data & about Interview process	88	Mrs.R.Kiruthika AP/MCA.,
22.08.2019	Gala 2K19	Talent Show	30	Dr A Kannan., Professor /MCA.
27.08.2019 to 30.08.2019	Workshop on “Cloud Computing – Amazon Web Services & Hadoop”	Mr. R.Anandha Murugan and B.Chadran Sekeran from CSE department	57	Mrs.R.Umamaheshwari AP(Sr.Gr)/MCA
14.09.2019	Guest Lecture on “Recent Trends in IT”	Mr. R. Arvindan, MCA Alumni 2014-2017 Batch is the resource person	57	Mrs.R.Kiruthika. AP/MCA.,
27.09.2019	Technical Symposium VYUHAM’ 19	Mr. Anumod Alex Thomas, Senior Software Engineer, Microsoft, Hyderabad, our MCA Alumni, 1999-2002 batch is the Chief Guest & Key Note Speaker	209 students from Arts & Science Colleges	Dr. SR.Raja., ASP/MCA., Mrs.R.Kiruthika. AP/MCA.,



GALA 2k19 Prize Distribution held on 22.08.2019.



Our President Er.K.N.K.Karthik Sir honoring our Chief Guest Mr.Anumod Alex Thomas with a Memento & a Shawl in Technical Symposium “Vyuham 2k19” on 27.09.2019.

Short Term Courses / Seminar / Conferences / Workshops / Symposium Organized

Date	Topic/Title	Details of resource person	No. of participants	Co-ordinator
12.01.2019	Pongal Talent Show Competitions	Dr T Jothimurugan., Director / MBA. & Mr R Somas Kandan (Judges for Elocution) Dr.A.Kannan. & Dr.C.Ashok Baburaj (Judges for Drawing Competition) Ms.N.Gunaseeli., & Dr.P.Karpagavalli (Judges for Rangoli)	58	Dr .Mr.Illango Director/MCA. Dr.C.Ashok Baburaj ASP/MCA.
07.02.2019 to 09.02.2019	ANDROID Mobile Application Development	Mr.S.M.Nathan, Project Manager, Accent Techno Solutions.	57	Mrs.R.Kiruthika Ap/MCA.
15.02.2019	Ideal Training program for IT career – “PYTHON – Make it Simple”	Dr A Kannan., Professor / MCA.	58 Students and 3 Staff Members	Dr A Kannan Professor / MCA. Dr.C.Ashok Baburaj ASP/MCA.,
05.03.2019 to 07.03.2019	Web Application Development using Spring and Django	Mr.Sasi Kumar., Project Manager, SSI Aptech, Madurai.	58	Dr.C.Ashok Baburaj ASP/MCA., Mr.RSomasKandan ASP/MCA.



Students' Participation in Drawing Competition on Pongal Celebrations held on 12.01.2019.



Mr.Sasi Kumar Project Manager, SSI Aptech, Madurai handled session on “Web Application Development using Spring and Django” held on 05.03.2019 to 07.03.2019.

Guest Lecture Delivered by Staff

Name of the staff & designation	Programme	Place	Date
Mrs.B.Subashini., Assistant Professor / MCA.	Delivered Lecture on “.Net Programming”	Vivekananda Arts and Science College, Thiruvudagam.	03.01.2019
Dr. A. Kannan., Professor / MCA.	Delivered talk on “Self- Expression”	K.L.N.College of Engineering.	30.01.2019
Dr. A. Kannan., Professor / MCA. Mr.R.Somas Kandan, ASP / MCA.	Delivered Lecture on “Life Skills”	Yadava College, Madurai.	18.03.2019
Dr. A. Kannan., Professor / MCA.	Delivered Lecture on “Life Skills”	Thiagarajar College, Madurai.	21.03.2019
Dr.A.Kannan., Professor/MCA.	Technical Speech on “Python Programming”	Madura College, Madurai.	05.04.2019

Students Participation in National Conferences / Symposium and other Events / Sports Activities

Name of the Student	Year	Title of event	Venue/ Date	Prize won/ Fund received
1.Hariprasath K R (188913) 2.Barath T (188909) 3.Sarvesh Kumar V G (188918) 4.Vishal Chellam S (178301) 5.Subash M (188917) 6.Lavan Kumar Y (188916)	II	State Level Student Carnival “VIYUGAM 19”	Solamalai College of Engineering / 25.01.2019	Participated
1.Arikrishnan R(188930) 2.Karthick S G (188927) 3.Ajith Babu V M(188905)	II	ANJAC Hackathon 2k19	Ayya Nadar Janaki Ammal College, Sivakasi / 23.02.2019	III
1.Kamatchi C (188301) 2.Madhav Shri N (188005) 3.Muthu Elango K (188001) 4.Kingslin Jawahar N S (188003) 5.Akash A T (188101) 6.Shoban Babu K M (188102) 7.Ganesh P S (188004) 8.Sakthi Shalini M (188302)	II	Spoken Tutorial (Python)	IIT Bombay / 15.03.2019	Certified

Name of the Student	Year	Title of event	Venue/ Date	Prize won/ Fund received
1.Yogeswaran L M (178103) 2.Prasannakumar T R V (178104) 3.Anandhan J G (178105) 4.Gayathri Mai S S (178102) 5.Kavya A (178303) 6.Sushma S (178305) 7.Vishal Chellam S (178301) 8.Hariprasath K R (188913) 9.Sivaranjani N C (188914) 10.Barath T (188909)	II	Spoken Tutorial (Java)	IIT Bombay / 20.03.2019	Certified
11.Lavan Kumar Y (188916) 12.Subash M (188917) 13.Sarvesh Kumar V G (188918) 14.Sureshraj S (188921) 15.Arikrishnan R (188930) 16.Muthu Kumar R (188934) 17.Karthick S G (188927)	II	Spoken Tutorial (Java)	IIT Bombay / 20.03.2019	Certified

Students Participation in National Conferences / Symposium and other Events / Sports Activities

Name	Year	Title of event	Venue/ date	Prize won / Fund received
Nivethitha O(188939)	III	Presented a Paper titled “IoT based Water Quality Monitoring System” in the National Conference on “Business Analytics – A Road Map to Innovative Entrepreneurship”	Fatima College 06.09.2019	--
Krithika S(188903)				
Siva Priya A(188941)				
Sri Prasanna Venkatachalapathi S (198301)	I	Workshop on “Ethical Hacking”	IIT Madras 14.09.19	--
Nivethitha O(188939)	III	Presented a Project titled “Smart Baby Monitoring System”	IPC / KLNCE 27.09.2019	2,500
Krithika S(188903)				
Siva Priya A(188941)				

NPTEL Online Certification Courses (Student)

Name of the student& designation	Course Title	Course Duration	Course conducted by	Award
Muthu Kumar P (188002)	Programming in C++	Jan-Mar 2019	NPTEL, IIT, Kharagpur.	certified
Kingslin Jawahar N S (188003)				
Ganesh P S (188004)				
Kamatchi C (188301)				

DEPARTMENT OF MANAGEMENT STUDIES

Quality Improvement Programs

Name and Designation of the Staff	Seminar / Workshop /Course Attended	Date / Venue
Dr. T. Jothimurugan Dr. K.S. Hariharan	Capacity Building Programme on “EXPERTS IN TEAM”, Sponsored by ICSSR	02.02.2019 to 13.02.2019 Centurion University of technology & Management, Odisha

Organizing Seminars/ Conferences / Workshops

Date	Title	Details of Resource Person	No. of Participants
06.03.2019 & 07.03.2019	Certificate Course on “GST & Tax Filing”	Shri. V. Pandiraja, I.R.S., Joint Commissioner Central GST & Central Excise, Madurai	36
30.01.2019	Certificate Programme on “EARNING THROUGH TRADING”	Mrs. G. Sakthi, HR Manager, Connoisseur Investment Limited, Madurai	30
		Mr. A.R. Sudalai, Business Manager, Connoisseur, Madurai	
29.01.2019		Mr. P. Shanmugasundaram, Regional Equity Manager, Goodwill, Chennai	
		Mr. M. Sasikumar, Regional Manager, Goodwill, Chennai	
28.01.2019		Mr. B. Kesavamoorthy, Sr. Research Manager, Sky commodities, Coimbatore	
		Mr. Saravana kumar, Branch Manager – Goodwill Wealth Management P Ltd, Madurai	

Guest Lectures

Date	Topic / Title	Year	Details of Resource Person
23.03.2019	Competency Development Programme	2019	Sri. Miracle Ramesh Managing Director SEA Bird Tours & Travels
15.03.2019	Creative Learning & Memory Skill Development	2019	Mr. Mohammed Fazil & Dr. G. Pandi Selvi Academic proficiency Trainer
14.03.2019	Competency Development Programme Learning & Developing	2019	Mrs. Rubavathy Assistant manager – HR T V Sundaram Fastners (P)LTD Madurai

Students Participation in National Conferences Technical Syposiums and Other Events / Training

Name	Year	Title of Event	Venue/ Date		Prize Won
II MBA Batch 2017 – 2019	2019	Business Related Topic – Discussion	12.02.2019	MBA LH - II	-
		Resume Building	13.02.2019		-
		PPL, PS(Basic) Resume lab	14.02.2019		-
		Presentation Skills and Individual Presentation	15.02.2019		-
		Interview Skills	16.02.2019		-
II MBA Batch 2018 – 2020	2019	Public Speaking & Communication	05.02.2019	MBA LH - II	-
		Creativity in Intro	06.02.2019		-
		Effective Seminar on Guestimate problems – Critical thinking	07.02.2019		-
		6 Thinking hats – Discussion	08.02.2019		-
		Entrepreneurial Skills – B.C.M Case Studies & Lateral thinking Case Studies	09.02.2019		-

Students Placements

S. No	Name	Date	Company Name
1.	Maha Lakshmi R	16.07.2019	ICICI Bank Limited
2.	Karthika Shree.K		
3.	Nagasundaram.M		
4.	Damotharan.K.G		
5.	Balaji.B.M		
6.	Balaji.S.E		
7.	Srinivasan.D.D		
8.	Kubendran.S.S		
9.	R. Aishweryalaxmi		
10.	Karthick. B.S		
11.	Padmini@Vinolini.A.K		
12.	Muthu Raman.E		
13.	Vignesh.C		
14.	Aishwarya		
15.	Srivarshini.S		
16.	S.Stephanraj		

S. No	Name	Date	Company Name
17.	Kanishka.P		
18.	Jegan.M		
19.	Dinesh.K		
20.	Sonai Karuppu.C		
21.	S. Pragadeeshwaran		
22.	G.Arunjunai Pandian		
23.	P.Suresh		
24.	Sm.Sikkander Ismail		
25.	L. Sikkandar Fazil Rahuman		
26.	N.Aravind		

Research and Consultancy Work

Name and Designation of the Staff	Name of Research and Consultancy Work	Date / Place
Dr. Jothimurugan T Mr. Palanivelrajan B Mr. Suriyanarayana Prabhu TC Dr. Hariharan KS	Softskills Training for the India Post Officials	30.01.2019 to 06.02.2019 Postal Training Centre, Perungudi, Madurai
Dr. Jothimurugan T Mr. Palanivelrajan B Mr. Suriyanarayana Prabhu TC Dr. Hariharan KS	Softskills Training for the India Post Officials	25.02.2019 to 07.03.2019 Postal Training Centre, Perungudi, Madurai

Guest Lectures

Date	Topic / Title	Year	Details of Resource Person
02.04.2019	Master Your English	2019	Mr. Rubesh Chief Trainer Prosperous Future

Research and Consultancy Work

Name and Designation of the Staff	Name of Research and Consultancy Work	Date / Place
Dr. Jothimurugan T Mr. Palanivelrajan B Mr. Suriyanarayana Prabhu TC Dr. Hariharan KS	Softskills Training for the India Post Officials	02.05.2019 to 15.05.2019 Postal Training Centre, Perungudi, Madurai
Dr. Jothimurugan T Mr. Palanivelrajan B Mr. Suriyanarayana Prabhu TC Dr. Hariharan KS	Softskills Training for the India Post Officials	02.05.2019 to 15.05.2019 Postal Training Centre, Perungudi, Madurai

DEPARTMENT OF MATHEMATICS

Publications in International / National Journal

1. **Dr.J.K.Subashini**, “Symmetries and invariant solutions of the Two Dimensional Variable Coefficient Generalized Burgers Equation”, JASC: Journal of Applied Science and Computations

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Prof.K.S.K.Subramanian Professor	Attended International Conference in Mathematics	Thiagarajar College, Madurai	12.02.2019
Dr.J.K.Subashini Prof &HOD	Cryptography and Network security- Mathematics Foundations	K.L.N.C.E	03.07.2019 05.07.2019 08.07.2019
Dr.S.Sabarinathan	International Conference on New trends in Mathematical Modelling with Applications	Sri Vidya Mandir Arts & Science College, Krishnakagiri	29.07.2019 30.07.2019
Dr.S.Sabarinathan	National Seminar on Recent Advancement in Mathematics	Sri Ramans College of Arts and Science for women, Aruppukottai	20.12.2019
Mr.G.B.Kannan	National Seminar on Applied Mathematics &IPR	Mannar Thirumalai Naicker College, Madurai	20.12.2019

NPTEL online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Dr.M.Devarajan / Prof	Probability & Statistics	Jan-Apr 2019	IIT-kharagpur	Successfully Completed
Dr.S.Sabarinathan / AP(SG)	Probability & Statistics	Jan-Apr 2019	IIT-kharagpur	Successfully Completed
Mr.G.B.Kannan	Integral & Vector Calculus	Jan-Apr 2019	IIT-kharagpur	Successfully Completed

Staff Achievements / Recognition / Honours

Name of the Staff & Designation	Name of the awards / achievements	Date
Dr. M. Devarajan Professor	External Examiner for the Ph.D Viva-voce Examination. Srisatya Sai University of Technology & Medical Science Sehore.	15.06.2019
Dr.S. Sabarinathan AP(SG)	Chair person in the international Conference on New Trends in Mathematical Modelling with Applications(ICNTMMA 2019) Sri Vidya Mandir Art & Science College,katteri,Uthangarai, Krishnagri District	29.07.2019 30.07.2019
Dr.J.K.Subashini Prof &HOD	Online Teaching is done by HOD/Mathematics for the subject Engineering Mathematics-I Link http://youtu.be/cup4hc8X1Q KLNCE.	28.08.2019

Short term courses / seminars / conferences / workshops / symposium organized :

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
10.01.2019	Founder's day Celebration – Quiz Contest	---	35 students of various school students	Dr.J.K.Subashini / Prof / HOD Dr.R.Selvarani / ASP2 / Maths Dr.S.Sabrinathan / ASP2 / Maths Mrs.R.Kalaiselvi/ AP2 / Maths Mrs.K.Sathyabama / AP2 / Maths Mr.G.Pushparajan / AP2 / Maths Mrs.M.Jeyalakshmi / AP2 / Maths Mr.V.Anath /AP2/

Guest Lecture Organized

Date	Topic / Title	Details of Resource persons	Year
28.02.2019	National Science Day TEHNO SCIENCE FESTIVAL 2019	Dr. C.S. Narayanamurthy Senior Professor & Head Department of Physics, Indian institute of Space Science and Technology, Thiruvananthapuram.	I Year students

Students Participation in National Conferences / Symposium and other Events / Sports Activities:

Name of the student	Year	Title of the event	Venue / Date	Prize won
D.R.B.Ajay kumar	I	Quiz Competition- NATIONAL SCIENCE DAY “Techno Science Festival 2019”	K.L.N.C.E/ 12.02.2019	I
R.Bharath	I			
S.G.Aishwarya Lakshmi	I			II
N.Balarubian	I			
R.J.Vaishali	I			III
T.V.S.Miruthujaya	I	Math Model -NATIONAL SCIENCE DAY “Techno Science Festival 2019”	K.L.N.C.E/ 12.02.2019	I
S.Prithivi raj	I			
P.Sakthisudarsan	I			II
S.Nishana	I			
S.Aishwarya	I	KLNCESHA Paper presentation-“Application of Engineering Mathematics in Human life”	K.L.N.C.E/ 19.03.2019	III
P.Vaisnavanathini	I			
P.Vaishnavanandhini	I			II
P.Sakthisedarsan	I			
D.R.B.Ajay kumar	I			III

DEPARTMENT OF PHYSICS

Publications in International Journal

Name and Designation of the Staff	Title of the Paper	Name of the Journal
Dr. N.R. Ramanujam	Properties of ternary photonic crystal consisting of dielectric/plasma/dielectric as a lattice period	Optik, May 2019
	Extraction of cellulose nanofibers from cocos nucifera var aurantiaca peduncle by ball milling combined with chemical treatment	Carbohydrate Polymer, May 2019
	Design of one dimensional refractive index sensor using ternary photonic crystal waveguide for plasma blood samples applications.	Physica E, July 2019
	Design of one dimensional defect based photonic crystal by composited superconducting material for biosensing applications	Physica B, 2019

Organizing Seminars/ Conferences / Workshops

Date	Title	Details of Resource Person	No. of Participants
28.02.19	Techno Science Festival- 2019	Dr. C.S. Narayanamurthy, Senior Professor & Head – Department of Physics. Indian Institute of Space Science and technology, Thiruvananthapuram	Staff – 38 Students –306 BE/B.Tech

Guest Lectures

Date	Topic / Title	Year	Details of Resource Person
09.02.2019	”Some apparent surprises in quantum mechanics”	2019	Dr.K.Navaneethakrishnan, Former chairperson, School of Physics, Madurai Kamaraj University, Madurai

Quality Improvement Programs

Name and Designation of the Staff	Seminar / Workshop /Course Attended	Date / Venue
Dr. V. Revathy, ASP1	State level Seminar on “Recent Trends in Physics” (SLSRTP – 2019)	5.2.2019 Arul Anandar College (Autonomous) karumathur
Dr. R. Geetha, ASP1	State level seminar on Women’s Economic empowerment	21 – 22 Mar 2019, KLNCE
Dr.V.Revathy, ASP1		
Ms.M.Hemalatha		
Dr.N.R.Ramanujam	NPTEL - Introduction to Photonic Certification Course Completed	Jan – Apr. 2019
Dr. R. Geetha		
Ms.M. Manjula Devi		
Dr.V.Revathy		
Ms.M.Hemalatha		

Achievements of Staff / Recognition / Honours

Name and Designation of the Staff	Achievements / Recognition / Honours	Date / Place
Dr.R.Geetha, ASP 1	Board of studies member	26.02.2019, N.M.S.S.V.N. College
	Resource Person / Guest Lecture Topic: “Optical Fiber Communication”	29.07.2019, Madurai Sivakasi Nadars Pioneer Meenakshi Women’s College, Poovanthi – 630 611, Sivaganga Dist.

DEPARTMENT OF CHEMISTRY

Quality Improvement Programs

Name of the Staff & Designation	Programme	Place	Date
O.D.Shakila ASP / HOD	Three days' workshop on "Innovative Technology Based Training In Agriculture And Horticulture"	KLNCE, Pottapalayam	24.07.2019 to 26.07.2019