

KLN COLLEGE OF ENGINEERING

ESTD 1994

An Autonomous institution, Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



YEAR - 2021

Petal - 2

Blossoms

VISION :

TO BECOME A CENTRE OF EXCELLENCE IN TECHNICAL EDUCATION AND RESEARCH IN PRODUCING COMPETENT AND ETHICAL PROFESSIONALS TO THE SOCIETY.

MISSION :

PROVIDE QUALITY ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION BY ENSURING GLOBAL STANDARD AND RESOURCES THROUGH CONTINUAL QUALITY MANAGEMENT SYSTEM FOR THE DEVELOPMENT OF STUDENTS.

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PREPARED BY,

Mr. P Ravikumar ASP/E&I

DEPARTMENT OF MECHANICAL ENGINEERING

Publications in International / National Journal

1. Ponsuriyaprakash S, Udhayakumar.P, pandiayarajan R, “ Optimization and analysis of dry sliding wear process parameters on cellulose reinforced ABS polymer composite material”, Pigment & Resin Technology (Emerald Publication, Scopus & SCI Indexed, Impact Factor – 1.152).
2. Ponsuriyaprakash S, Udhayakumar.P, pandiayarajan R, “ Mechanical Characterization and morphological behavior of a novel composite of ABS Polymer strengthened by Cellulose”, Journal of the Chinese Institute of Engineers (Taylor & Francis, Scopus Indexed).

Publications in International / National Conference

1. **Dr. M.R.Thansekhar & Dr.N. Nagasubramanian** “CFD Analysis of heat transfer in a partially heated enclosure filled with hybrid nanofluids -conjugate heat transfer”, National conference on recent Innovations in mechanical Engineering at Jai shriram Engineering college, Tirupur, 18th November 2021.

NPTEL Online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Dr.P.Udhayakumar, Prof & Head / Mech	Ergonomics Workplace Analysis	July – Dec 2021	IIT Guwahati	Elite
Dr.P.Udhayakumar, Prof & Head / Mech	Engineering Drawing and Computer Graphics	July – Dec 2021	IIT Kharagpur	Elite & Silver
Dr.P.Udhayakumar, Prof & Head / Mech	Design Practice II	July – Dec 2021	IIT Kanpur	Elite & Gold
Dr.M.R.Thansekhar, Prof / Mech	Psychology of Everyday	July – Dec 2021	IIT Kanpur	Elite
Dr.A.Hemalatha, ASP / Mech	Innovation Business Models and Entrepreneurship	July – Dec 2021	IIT Roorkey	Elite
Dr. C. Anbumeenakshi, ASP / Mech	Dairy and Food process and products technology	July – Dec 2021	IIT Kharagpur	Elite

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

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
09.03.2021	Competency Development Program on Refrigeration and Air conditioning	Mr.K.A.KajaMonideen, Gulf Technical Institute, Madurai.	53 students	Mr.E.V.Ganeshbabu Dr.R.Pandiarajan

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

Name of the student	Year	Title of the event	Venue / Date	Prize won
K.Santhosh	III	National Level Event Organized by ISHRAE, Kolhapur-Sangli sub chapter & SITCOE,	Yadrav / 12.08.2021	-
S. Sarantheep Sachena	II	Olympia quiz	12.08.2021	-
Manoj kumar.A	II	Engineers day E-quiz organized by ISHRAE Madurai chapter	15-9-2021	-
N.Maruthasankar	IV	STTP on Intellectual property rights and patent process	Hindustan College of Engineering and Technology / 22 & 23 Jan 2021	-

NPTEL Online Certification Courses (Student)

Name of the Student	Year	Course Title	Course duration	Course conducted by	Award
K.Santhosh	IV	Introduction to Composites	Jul-Oct 2021 (12 week course)	IIT Kanpur	Successfully completed

Consultancy Work

Name of the Staff & Designation	Topic of Consultancy Work	Date & Place
Dr.P.Udhayakumar, Prof & Head	Designed Flow meter control in food industry	24.11.2021 to 23.12.2021 & Ruby food Products PVT.LTD, Madurai.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Staff Publications in Journal / Conference:

1. M. Renuga, K. Gnanambal, “Low power high performance CMOS amplifier for epileptic seizure prediction” <https://doi.org/10.1007/s10470-021-01918-8>(0)Vol: 109, Pp 387-402 Aug 2021An International journal on Analog Integrated Circuits and Signal Processing- Springer.
2. C.Karuppasamy, S. Venkatanarayanan “Design of Self Powered Internet of Medical Things Using Robust Wolf Optimization Based PI Controller for Health Care Monitoring System” Vol. 11, Pp. 3223–3236,Dec 2021,Journal of Medical Imaging and HealthInformatics.
3. S.Manoharan K.Gnanambal “The Incremental Loading Factor based Maximum Loadability Limit Prediction using Modern Optimization Tools” DOI.No: 10.36909/jer.VxIx. 11507 **Published On Nov 2021**,Journal of Engineering Research (JER)

Short Term Courses/Seminar/Symposium attended by the Staff:

S.No.	Name of the Faculty with Designation	Seminar / Workshop /Course Attended / Resource Person	Date / Place
1.	Dr.S. Venkatesan, Prof./EEE	Participated in AICTE Training and Learning (ATAL) Academy Sponsored Online FDP on “Advances in Power Electronics Converters for Distributed Generation and Industrial Applications”. Participated in AICTE Training and Learning (ATAL) Academy Sponsored Online FDP on “Artificial Intelligence foundations for Power systems”. Participated in online three weeks training program for faculty members on AICTE Student Learning Assessment – STTP-PARAKH in collaboration with Construction Industry Development Council (CIDC).	15.11.2021 to 19.11.2021/ Uday Prasad Uday Government Polytechnic. 25.10.2021 to 29.10.2021/ K.L.N.College of Engineering, Sivagangai (Dt).
2.	Dr.K.Gnanambal, Prof./EEE	NPTEL–AICTE Faculty Development Programme on “Data Science for Engineers” .	July-Sep 2021 (8 Week Course) IIT, Madras.
3.	Dr. S. Venkatanarayanan, Prof./EEE	Delivered a lecture on “Energy conservation” under the guidance of PCRA, Chennai. Delivered a lecture on “Energy conservation” under the guidance of PCRA, Chennai. Delivered a lecture on “Energy conservation” under the guidance of PCRA, Chennai.	31.07.2021/ Sri Ramajayam Educational Trust, Thiruvannamalai District. 29.07.2021/ Raj Weaving, Sidco Industrial Estate, Kappalur, Madurai. 27.07.2021/ P.R.Poly, Karur District.

S.No.	Name of the Faculty with Designation	Seminar / Workshop / Course Attended / Resource Person	Date / Place
		Delivered a lecture on “Energy conservation” under the guidance of PCRA, Chennai.	24.07.2021/ Sembodai R. V. Arts And Science College, Vedaraian(Tk), Nagapattinam District.
		Delivered a lecture on “Energy conservation” under the guidance of PCRA, Chennai.	22.07.2021/ Arunkannan Agro Foods (P) Ltd, Sivagangai.
		Delivered a lecture on “Energy conservation” under the guidance of PCRA, Chennai.	19.07.2021/ K.L.N.College of Engineering, Sivagangai District.
		Delivered a lecture on “Energy conservation” under the guidance of PCRA, Chennai.	16.07.2021/ Kinetic Forge (P)Ltd, Sidco Industrial Estate, Coimbatore.
		Delivered a lecture on “Energy conservation” under the guidance of PCRA, Chennai.	06.07.2021/ Pioneer Crump Industry, Nagatheertham, Kodimangalam Village, Madurai.
4.	A.Marimuthu , ASP/EEE	Participated in AICTE Training and Learning (ATAL) Academy Sponsored Online FDP on “Artificial Intelligence foundations for Power systems” .	25.10.2021 to 29.10.2021/ K.L.N.College of Engineering, Sivagangai (Dt).
		Swayam- AICTE” Awareness Programme on Solar Water Pumping System” .	July 2021 (4 Week Course)
		Participated in online three weeks training program for faculty members on AICTE Student Learning Assessment – STTP-PARAKH in collaboration with Construction Industry Development Council (CIDC).	22.11.2021 to 19.12.2021

S.No.	Name of the Faculty with Designation	Seminar / Workshop / Course Attended / Resource Person	Date / Place
		Participated & completed successfully “5 days EV design Master class”.	13.12.2021 to 17.12.2021 / Pantech e-learning Pvt. Ltd., Chennai.
		Participated & completed successfully 30 days “Renewable Energy Master class”.	17.10.2021 to 16.11.2021 / Pantech e-learning Pvt. Ltd., Chennai.
		Participated & completed successfully 30 days “Master class on EV design using MATLAB”.	23.08.2021 to 21.09.2021 / Pantech e-learning Pvt. Ltd., Chennai.
5.	Dr.P.Loganthurai, ASP/EEE	Participated in AICTE Training And Learning (ATAL) Academy Five day Online FDP on "IoT Applications in Renewable Energy".	22.11.2021 to 26.11.2021 / NSS College of Engineering. Palakkad.
		Participated in AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “Electric Vehicle Engineering”.	25.10.2021 to 29.10.2021/ National Institute of Technical Teachers Training and Research.
		Participated & completed successfully 30 days “Master class on EV design using MATLAB”.	23.08.2021 to 21.09.2021 / Pantech e-learning Pvt. Ltd., Chennai.
6.	Dr. C.Vimalarani, ASP/EEE	Participated in online two week AICTE Sponsored Faculty Development Programme on "Future Automation of Power System Protection in Indian Power Sector (FAPSP'21) - Phase II".	11.12.2021 to 24.12.2021 University College of Engineering, BIT Campus, Anna University, Tiruchirappalli.
		NPTEL-AICTE Faculty Development Programme on “DC Microgrid and Control System”.	July-Sep 2021 (8 Week Course) IIT, Madras.
7.	Dr.S.Manoharan, AP(Sr.Gr.)/EEE	Participated in Two days hands on workshop on “IPR Awareness and patent registration”.	02.12.2021 & 03.12.2021 / K.L.N. College of Engineering, Sivagangai (Dt).



S.No.	Name of the Faculty with Designation	Seminar / Workshop / Course Attended / Resource Person	Date / Place
		Participated in AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “Electric Vehicle Engineering”.	25.10.2021 to 29.10.2021/ National Institute of Technical Teachers Training and Research.
		Participated & Completed successfully 25 days “Masterclass on Artificial Intelligence”.	06.12.2021 to 04.01.2022 / Pantech e-learning Pvt. Ltd, Chennai.
		Participated in AICTE Training And Learning (ATAL) Academy Five day Online FDP on "IoT Applications in RenewableEnergy".	22.11.2021 to 26.11.2021 / NSS College of Engineering, Palakkad.
		Participated & Completed successfully 30 days “Renewable Energy Master class”.	17.10.2021 to 16.11.2021 / Pantech e-learning Pvt. Ltd., Chennai.
		Participated in International Workshop on “Future Electric grid with Renewable Penetration”.	20.10.2021/ SRM TRP Engineering College, Trichy.
		Participated in Webinar on “New Education Policy (NEP) 2020: Quality Education, Accreditation and Teacher Development”.	06.08.2021/ PSNA College of Engineering and Technology, Dindigul.
		Participated in Webinar on “Vehicle Electrification: Challenges and Opportunities”	17.07.2021 / SRM TRP Engineering College, Trichy.
		Participated in Two days Webinar on “Applications of Soft computing Techniques for Daylight Harvesting”.	08.07.2021&09.072021/ Oxford College of Engineering, Karnataka.
		Participated in Webinar on “Challenges in Integration of Renewable Energy Sources with Smart Grid”.	03.07.2021/ Dr. Mahalingam College of Engineering and Technology, Pollachi.
9.	Dr. M. Ganesh Kumari, AP(Sr.Gr.)/EEE		

S.No.	Name of the Faculty with Designation	Seminar / Workshop / Course Attended / Resource Person	Date / Place
10.	M.Jeyamurugan, AP(Sr.Gr.)/EEE	Participated in online one day Faculty Development Programme on "Block Chain-Programme on "Block Chain-	24.12.2021/ Latha Mathavan Engineering College, Madurai.
		The new Trend in IT industry".	
		Participated in online Six days Anna University Sponsored Faculty Development Training Programme on "EE8005-Special Electrical Machines".	13.12.2021 to 18.12.2021/ Christian College of Engineering and Technology, Oddanchatram.
11.	T.Gopu, AP/EEE	Delivered a lecture on "Basic Electronics Devices and Logic circuits".	04.10.2021/ Latha Mathavan Engineering College, Madurai.
		Participating in National Webinar on "Grid connected and Standalone PV Solar Plant Design using PVSYST".	22.09.2021/ Christian College of Engineering and Technology, Oddanchatram.
		Participated in online Six day Faculty Development Programme on "Outcome Based Education frame work and its Process".	12.7.2021 to 17.7.2021/ Francis Xavier Engineering College, Tirunelveli.
		Participated in online one day Faculty Development Programme on "Block Chain-The new Trend in IT industry".	24.12.2021/ Latha Mathavan Engineering College, Madurai.
		Participated in online Six days Anna University Sponsored Faculty Development Training Programme on "EE8005-Special Electrical Machines".	13.12.2021 to 18.12.2021/ Christian College of Engineering and Technology, Oddanchatram.
		Delivered a lecture on "Applications of Linear Integrated Circuits".	24.11.2021/ Francis Xavier Engineering College, Tirunelveli.



S.No.	Name of the Faculty with Designation	Seminar / Workshop / Course Attended / Resource Person	Date / Place
		Participated in online Six day Faculty Development Programme on “Outcome Based Education frame work and its Process”.	12.7.2021 to 17.7.2021/ Francis Xavier Engineering College, Tirunelveli.
		Participated in online one day Faculty Development Programme on “Block Chain- The new Trend in IT industry”.	24.12.2021/ Latha Mathavan Engineering College, Madurai.
12.	R.Jeyapandiprathap, AP/EEE	Participated in online Six days Anna University Sponsored Faculty Development Training Programme on “EE8005-Special Electrical Machines”. Delivered a lecture on “Basic Electronics Devices and Logic circuits”. Participated in National Webinar on “Grid connected and Standalone PV Solar Plant Design using PVSYST.	13.12.2021 to 18.12.2021/ Christian College of Engineering and Technology, Oddanchatram. 04.10.2021/ Latha Mathavan Engineering College, Madurai. 22.09.2021/ Christian College of Engineering and Technology, Oddanchatram.
13.	N.Vimal Radha Vignesh, AP/EEE	Participated in online Six day Faculty Development Programme on “Outcome Based Education frame work and its Process”. Participated in One Week Virtual Faculty Development Program (FDP) on “Research Challenges, Opportunities in Smart Grid with Integration of Electrical Vehicles”.	12.7.2021 to 17.7.2021/ Francis Xavier Engineering College, Tirunelveli. 08.10.2021 to 12.10.2021/VEMU Institute of Technology, Chittoor(Dt).


S.No.	Name of the Faculty with Designation	Seminar / Workshop / Course Attended / Resource Person	Date / Place
		Participated in One Week National Level Online Faculty Development Program on “Recent Trends in Electrical Engineering”.	16.08.2021 to 23.08.2021/ Geethanjali Institute of Science and Technology, Nellore.
14.	R.Sridevi, AP/EEE	Participated in online Six days Anna University Sponsored Faculty Development Training Programme on “EE3251-Electric Circuit Analysis”.	03.01.2022 to 08.01.2022/ Government College of Technology, Coimbatore.
		Participated in One Week National Level Online Faculty Development Program on “Recent Trends in Electrical Engineering”	16.08.2021 to 23.08.2021/ Geethanjali Institute of Science and Technology, Nellore.
		Participated in Two days hands on workshop on “IPR Awareness and patent registration”.	02.12.2021 & 03.12.2021/ K.L.N. College of Engineering, Sivagangai (Dt).
15.	R.Thangasankaran, AP/EEE	Participated in AICTE Training and Learning (ATAL) Academy Sponsored Online FDP on “Artificial Intelligence foundations for Power systems”.	25.10.2021 to 29.10.2021/ K.L.N. College of Engineering, Sivagangai (Dt).
		Participated in online Five days FDP on “Research Innovation & Recent Trends in Electrical & Electronics Engineering”.	16.07.2021 to 20.07.2021/ SJB Institute of Technology, Bengaluru.



Short term courses/seminar/symposium organized by the Department:

Date	Title	Details of Resource Person	No. of Participants
<p>23.12.2021 Type: Expert Talk</p>	<p>Become a Code-E(Coding Engineer) in Python and Java”</p>	<p>Resource Person: Mr. A Sathish Software Engineer, G-Tech Education, Madurai.</p> 	<p>Participant Details: Total:44 Students (B.E.EEE -III year [(2019-2023Batch] Co-ordinator(s): Dr.S. Manoharan, AP(Sr.Gr)/EEE, Dr.M.Ganeshkumari, AP(Sr.Gr)/EEE Organizing Student Chapter: IEEE &IIPC Sponsor & Amount: Nil</p>
<p>18.12.2021 Type: Expert Talk</p>	<p>Embedded systems and Power Electronics”</p>	<p>Resource Person: Mr. V. Selvaganesh, & Mr. T. Sundarapandy Director -IT, Shubham Solutions, Madurai.</p> 	<p>Participant Details: Total:41 Students (B.E.EEE -III year [(2019-2023Batch] Co-ordinator(s): Dr.S. Manoharan, AP(Sr.Gr)/EEE, Dr.M.Ganeshkumari, AP(Sr.Gr)/EEE Organizing Student Chapter: IEEE &IIPC Sponsor & Amount: Nil</p>

Date	Title	Details of Resource Person	No. of Participants
<p>06.12.2021 to 10.12.2021 Type: Value added course</p>	<p>5 days Value added course on C++ language</p>	<p>Resource Person: Mr. A.M. Sasikumar Software Trainer and Developer SSI Education Madurai.</p> 	<p>Participant Details: Total:37 Students (B.E.EEE -III year [(2019-2023Batch] Co-ordinator(s): Dr.S. Manoharan, AP(Sr.Gr)/EEE, Dr.M.Ganeshkumari, AP(Sr.Gr)/EEE A.Manoj,AP/EEE Organizing Student Chapter: IEEE &IIPC Sponsor & Amount:Nil</p>
<p>07.12.2021 to 10.12.2021 Type: Value added course</p>	<p>4 Days Value Added Course “Programming in C”(Phase-II)</p>	<p>Resource Person: Mrs.T.Sindhupairavi Technical Head,Livewire Pvt.Ltd., Madurai..</p> 	<p>Participant Details: Total:25 Students:25 (B.E.EEE -II year [(2020-2024Batch] Co-ordinator(s): M.Jeyamurugan AP(Sr.Gr.)/EEE R.,Jeyapandirathap, AP/EEE T.Gopu,AP/EEE Organizing Student Chapter: IEEE&IIPC Sponsor & Amount: Nil</p>

Date	Title	Details of Resource Person	No. of Participants
<p>Date: 29.11.21 to 06.12.21</p> <p>Type: Value added course</p>	<p>5 days Value Added Course “Programming in C” (Phase-I)</p>	<p>Resource Person: Mrs.T.Sindhupairavi Technical Head,Livewire Pvt.Ltd., Madurai.</p> 	<p>Participant Details: Total:38 Students:38 (B.E.EEE -II year [(2020-2024Batch)]</p> <p>Co-ordinator(s): M.Jeyamurugan AP(Sr.Gr.)/EEE</p> <p>R.,Jeyapandirathap, AP/EEE T.Gopu,AP/EEE Organizing</p> <p>Student Chapter: IEEE&IIPC</p> <p>Sponsor & Amount:Nil</p>
<p>23.11.2021 @ 10.15am to 11.15am</p> <p>Type: Competency Development Program (Webinar through Google Meet)</p>	<p>Webinar- "Cellular Modem Technology"</p>	<p>Resource Person: Balaji Prasanna M Y, Staff Engineer in Cellular Modem Firmware, Hardware Technologies, Apple, San Diego, California</p> 	<p>Participant Details: Total:105 Students:105 (B.E.EEE -III year [(2019-2023Batch)] (B.E.EEE -II year [(2020-2024Batch)]</p> <p>Co-ordinator(s): A.Manoj,AP/EEE R.Thangasankaran,AP/EEE Dr.S. Manoharan, AP(Sr.Gr)/EEE, M.Jeyamurugan, AP(Sr.Gr.)/EEE</p> <p>Organizing Student Chapter: IEEE</p> <p>&IIPC Sponsor & Amount: Nil</p>

Date	Title	Details of Resource Person	No. of Participants
<p>25.10.2021 to 29.10.2021 Type: FDP (FDP through Google Meet)</p>	<p>Online Faculty Development Programme on “Artificial Intelligence Foundations for Power Systems”</p>	<p><u>Resource Person:</u> Dr.S.Baskar, Dean/R&D, TCE, Saravana Prabhu Subramanian, Yoga Instructor, Dr.C.K.Babulal, Prof/EEE, TCE, Dr.Sujatha Balaraman, ASP/EEE, GCT, Dr.V.Kejalakshmi, Prof/ECE, KLNCE , Dr.S.Kalyani, Dean, KCET, Er.M.S.M.Karthik, Machine Learning Engineer, Mad Street Den, Dr.Senthikumar, NIT, Patna, Dr.R.Rajeswari, Prof/EEE, GCT, Dr.S.Miruna Joe Amali, Prof/CSE, KLNCE, Dr.M.Lakshmanan, Prof/ECE, Galgotias College of Engineering and Technology, Great Noida,</p> 	<p>Participant Details: Total:57 External:53 Internal:04 Co-ordinator(s): Dr.K.Gnanambal, Prof./EEE Co-Coordinator(s): Dr.S.Venkatesan,Prof./EEEE Dr.P.Loganthurai,ASP/EEEE Mr.A.Manoj,AP/EEEE Sponsor & Amount: ATAL&Rs.93,000/-</p>

Date	Title	Details of Resource Person	No. of Participants
<p>9.10.2021 @ 11.30am to 1.00pm</p> <p>Type: Guest Lecture (Webinar through Google Meet)</p>	<p>“PCB design using KICAD Software”</p>	<p>Resource Person: Er.S.Rakeshraj, Analyst Programmer, SRM Technologies, Chennai.</p> 	<p>Participant Details: Total:56 Students:52 (B.E.EEE -II year [(2020-2024Batch)] Co-ordinator(s): M.Jeyamurugan AP(Sr.Gr.)/EEE R.Jeyapandiprathap, AP/EEE Organizing Student Chapter: IEEE Sponsor & Amount: IIPC&1500/-</p>
<p>11.09.2021 @ 2.00pm to 4.00pm</p> <p>Type: Guest Lecture (Webinar through Google Meet)</p>	<p>Awareness Programme on “Project reparation, Presentation” and Implementation”</p>	<p>Resource Person: Mr.M. Vignesh, Project Engineer Trainee(Embedded Hardware Design), e-con Systems 2020 Batch</p> 	<p>Participant Details: Total:74 Students:72 (B.E.EEE -IV year [(2018-2022Batch] B.E.EEE -III year [(2019-2023Batch)] Faculty:02(Internal) Co-ordinator(s): Dr.M.Ganesh Kumari, AP(Str.Gr.)/EEE N. Vimal Radha Vignesh, AP/EEE, Organizing Student Chapter: IEEE Sponsor & Amount: Nil</p>

Date	Title	Details of Resource Person	No. of Participants
<p>11.08.2021 @ 2.00pm to 4.00pm</p> <p>Type: Guest Lecture (Webinar through Google Meet)</p>	<p>“Career Opportunities for Electrical Engineers”</p>	<p>Resource Person: Ms.Indira Ganesan, Team Lead, Robert Bosch Engineering and Business Solution, Coimbatore.(KLNCE/EEE Alumni 2017 Batch)</p> 	<p>Participant Details: Total:39 Students:37 (B.E.EEE -IV year [(2018-2022Batch)] Faculty:02(Internal) Co-ordinator(s): N. Vimal Radha Vignesh, AP/EEE, T. Gopu, AP/EEEEOrganizing Student Chapter: IEEE Sponsor & Amount:IIPC&1500/</p>

Achievements of staff / Recognition / Honours

Name and Designation of the Staff	Achievements of Staff / Recognition / Honors	Date / Place
Dr.K.Gnanambal, Prof./EEE	NPTEL–AICTE Faculty Development Programme on “ Data Science for Engineers” .	July-Sep 2021 (8 Week Course) IIT, Madras.
Dr.P.Loganthurai, ASP/EEE	Swayam- AICTE” Awareness Programme on Solar Water Pumping System” .	July 2021 (4 Week Course)
Dr. C. Vimalarani, ASP/EEE	NPTEL–AICTE Faculty Development Programme on “DC Microgrid and Control System” .	July-Sep 2021 (8 Week Course) IIT, Madras.

NPTEL attended by Staff (2021-2022) – ODD Semester

S.No.	Name of the Staff	NPTEL Course Title	Gold/Elite/Pass	Duration
1.	Dr.K.Gnanambal Professor/EEE	Data Science for Engineers	Silver + Elite	July – Sep 2021 (8 Weeks)
2.	Dr.C.Vimalarani, ASP/EEE	DC Microgrid and Control System	Gold + Elite (Topper 2%)	July – Sep 2021 (8 Weeks)

Students achievement/awards won:-**Students Technical Association/Participation****SPOKEN TUTORIAL PROJECT, IIT BOMBAY, DECEMBER 2021**

(funded by National Mission on Education through ICT,MHRD, Govt. of India)

Academic Year: 2021-2022 (ODD)

S.No.	Year/Sem	Course	No. of student earned certificate / participated
1.	IV/VII	Advanced CPP	8/39

Batch:2018-2022**Academic Year:2021-2022 (ODD)****Year/Sem: IV/VII**

S.No.	Name of the student	Course	Score(%)
1.	Akash A S	Advanced CPP	75
2.	Arjun M	Advanced CPP	45
3.	Clement Paul P	Advanced CPP	70
4.	Karthick R M	Advanced CPP	85
5.	Karthika E	Advanced CPP	80
6.	Keerthana T	Advanced CPP	65
7.	Sam Benjamin I	Advanced CPP	55
8.	Vignesh S R	Advanced CPP	45

S.No.	Year/Sem	Course	No. of student earned certificate / participated
1.	III/V	eSim	10/45

Batch:2019-2023**Academic Year:2021-2022 (ODD)****Year/Sem: III/V**

S.No.	Name of the student	Course	Score(%)
1.	Hariprasath M R	eSim	53.6
2.	Harish Prabu P G	eSim	64.3
3.	Keerthana J	eSim	42.9
4.	Krishnakumar E J	eSim	46.4
5.	Preethi V	eSim	46.4
6.	Sakthi Eswari K	eSim	75
7.	Sowmiya Sri P	eSim	42.9
8.	Varun Pandian P	eSim	67.9
9.	Yuvapasath R	eSim	46.4
10.	Keerthana M	eSim	46.4

S.No.	Year/Sem	Course	No. of student earned certificate / participated
1.	II/III	C	34/62

Batch:2020-2024**Academic Year:2021-2022 (ODD)****Year/Sem: II/III**

S.No.	Name of the student	Course	Score(%)
1.	Aarthi M	C	65
2.	Adithya Chiranjeevi K S	C	50
3.	Amirtha S	C	62.5
4.	Anil Kumar D	C	57.5
5.	Chandrulal J P	C	72.5
6.	Dharini Subha S S	C	62.5
7.	Dhirshigha U T	C	60
8.	Elakkia J	C	45
9.	Gokul Ganesh S	C	50
10.	Hemananthakumar C	C	60
11.	Jaya Kamatchi M	C	60
12.	Jayasutha V	C	50

S.No.	Name of the student	Course	Score(%)
13.	Karthikeyan S	C	52.5
14.	Lakshmanan M	C	45
15.	Muthu Kumar K	C	62.5
16.	Pragatheswaran T	C	62.5
17.	Prathish Kumar S	C	60
18.	Prathyush Babu S G	C	72.5
19.	Sangeetha D	C	70
20.	Sehwag S	C	75
21.	Sivaseshan S S	C	72.5
22.	Subalakshmi K S	C	95
23.	Sugavanesh K	C	57.5
24.	Swathi P	C	57.5
25.	Velmurugan S	C	65
26.	Venkatesh Babu A R	C	82.5
27.	Vijayalakshmi M	C	70
28.	Yokeskumar M	C	45
29.	Jeyaram S P	C	75
30.	Karhi K	C	55
31.	Karthigai Selvan R	C	55
32.	Namasivaya R	C	40
33.	Naveen Kumar T	C	55
34.	Ragul Krishna S	C	50


S.No.	Year/Sem	Course	No. of student earned certificate / participated
1.	II/III	CPP	36/62


Batch:2020-2024**Academic Year:2021-2022 (ODD)****Year/Sem: II/III**

S.No.	Name of the student	Course	Score(%)
1.	Aarthi M	CPP	75
2.	Adithya Chiranjeevi K S	CPP	42.5
3.	Alagupandi K	CPP	42.5
4.	Amirtha S	CPP	55
5.	Anil Kumar D	CPP	60
6.	Chandrulal J P	CPP	70
7.	Dharini Subha S S	CPP	52.5
8.	Dhirshigha U T	CPP	57.5
9.	Elakkia J	CPP	52.5
10.	Gokul Anand M	CPP	60
11.	Hemananthakumar C	CPP	52.5
12.	Jaya Kamatchi M	CPP	57.5
13.	Karthikeyan S	CPP	47.5
14.	Karunanithi A	CPP	50
15.	Kasivelan S	CPP	40
16.	Lakshmi Sekal S	CPP	52.5
17.	Muthu Kumar K	CPP	62.5
18.	Pragatheswaran T	CPP	55
19.	Prathish Kumar S	CPP	50
20.	Prathyush Babu S G	CPP	72.5
21.	Sangeetha D	CPP	62.5
22.	Sehwag S	CPP	75
23.	Sivaseshan S S	CPP	75
24.	Sri Bava R P S	CPP	62.5
25.	Subalakshmi K S	CPP	77.5
26.	Swathi P	CPP	57.5
27.	Thirisha M U	CPP	57.5
28.	Velmurugan S	CPP	52.5

S.No.	Name of the student	Course	Score(%)
29.	Venkatesh Babu A R	CPP	70
30.	Vijayalakshmi M	CPP	65
31.	Yawin K	CPP	50
32.	Yokeskumar M	CPP	42.5
33.	Jeyaram S P	CPP	60
34.	Karthi K	CPP	52.5
35.	Naveen Kumar T	CPP	55
36.	Shyam K	CPP	42.5

Guest lectures/Special programmes conducted
Virtual Industrial Visit.

S.No.	Date of Visit	Industry	Participating Details	Faculty Accompanying the Students	Photo
1.	25.10.2021 to 29.10.2021 Type: FDP (FDP through Google Meet)	Online Faculty Development Programme on “Artificial Intelligence Foundations for Power Systems”	Participant Details: Total:57 External:53 Internal:04	<u>Resource Person:</u> Dr.S.Baskar, Dean/R&D, TCE, Saravana Prabhu Subramanian, Yoga Instructor, Dr.C.K.Babulal, Prof/EEE,TCE, Dr.Sujatha Balaraman, ASP/EEE,GCT, Dr.V.Kejalakshmi, Prof/ECE, KLNCE Dr.S.Kalyani, Dean, KCET, Er.M.S.M.Karthik, Machine Learning Engineer, Mad Street Den, Dr.Senthilkumar, NIT, Patna, Dr.R.Rajeswari, Prof/EEE, GCT, Dr.S.Miruna Joe Amali, Prof/CSSE, KLNCE, Dr.M.Lakshmanan, Prof/ECE, Galgotias College of Engineering and Technology, Great Noida, Co-ordinator(s): Dr.K.Gnanambal, Prof./EEE Co-Coordinator(s): Dr.S.Venkatesan,Prof./EEE Dr.P.Loganthurai,ASP/EEE Mr.A.Manoj,AP/EEE Sponsor & Amount: ATAL&Rs.93,000/-	

S.No.	Date of Visit	Industry	Participating Details	Faculty Accompanying the Students	Photo
2.	27.10.2021 (Day 1) - Session I (9:30 am to 10:45 am) Inauguration of UHV - 1 Student Induction Program 27.10.2021 (Day 1) - Session III & IV (1:00 pm to 3:40 pm) Familiarization of EEE Department	Student Induction Program SIP – Phase-1	Participant Details: Total:67 Internal:67	Address by Principal: Dr. A. V. Ramprasad – About History & Activities of KLNCE Dr.S.M.Kannan	

Funding obtained from National bodies/AU/Industry

S.No.	PI, CO PI	Title of the Research project	Fund Generated/ Proposal Applied	Funding Agency	Amount Generated/ Proposed	Date and Month of Funding approved
1	PI: Dr.S.Parthasarathy, Professor/EEE Co-PIs: Dr.A.V. RamPrasad, Professor/ECE Mr.S.Nallathambi, AP/Mechanical Dr. M. Raghini, ASP /CSE	Laser based Hydraulic Controlled Variable Length land Leveler cum plough Device with Remote Monitoring system	Fund Received	DST (Agro Tech)	Rs.14,00,000 (2nd Instalment)	26th July 2021

Patent

S.No.	Date	Name of the Applicant	Application Reference Numbers	Title	Patent Office
1.	25.06.2021	Dr. S. Parthasarathy Prof./EEE, IIPC Co-ordinator	202141026550 dated 15.06.2021	Sewage Blockage detection and removal system and methods of descaling there of	Patent Office, Government of India, Intellectual Property Building, Chennai.

Students Placements:

S.No.	Roll No.	Name of the Student	Name of the Company	Mode of Placement
1	182031	Lakshmi K	Amphisoft Technologies	ON

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Publications in International / National Journal

1. **Dr. N.Janakiraman** “Synovial Sarcoma Classification Technique Using Support Vector Machine and Structure Features” Intelligent Automation & Soft Computing September 2021.
2. **Dr. N.Janakiraman** “FPGA Implementation of Protected Compact AES S–Box Using CQCG for Embedded Applications” FPGA Implementation of Protected Compact AES S–Box Using CQCG for Embedded Applications, ISSN: 1079-8587, November 2021.
3. **Dr. N.Janakiraman** “An Effective Denoising and Enhancement Strategy for Medical Image Using RI-GI-Caputo” Method Communication Technology, November 2021.
4. **Dr. N.Janakiraman** “Heuristic-based channel selection with enhanced deep learning for heart disease prediction under WBAN” Computer Methods in Biomechanics and Biomedical Engineering, ISSN: 2168-1163, November 2021
5. **Dr. N.Janakiraman** “Detection of Structure Characteristics and Its Discontinuity Based Field Programmable Gate Array Processor in Cancer Cell by Wavelet Transform” Journal of Medical Imaging and Health Informatics ISSN: 2156-7018, November 2021.

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Dr.V.Kejalakshmi HOD/ECE	C Programming and Assembly Language	NPTEL-AICTE	July to August 2021 (4 weeks)
Dr.R.Jeyanthi Prof/ECE	Inculcating universal human values in technical education	AICTE	Aug 2-6, 2021
Dr.B.Buvaneswari ASP/ECE	ICTE 5 day workshop "Inculcating human value in technical education"	AICTE	26.07.2021 to 30.07.2021
	Advanced Technologies in Wireless Communication Networks	GMR Institute of Technology-Virtual Mode	02.08.2021 to 06.08.2021
	Next Generation Computing and its Application (Artificial Intelligence, Machine Learning, Deep Learning & Data Science)	Kamaraj College of Engineering and Technology - Online	7 days 18.12.2021 to 24.12.2021
Dr.S.Subha ASP/ECE	inculcating Human Values in Technical Education	AICTE - Online	5 days 12.07.2021 to 16.07.2021

Name of the staff & Designation	Programme	Place	Date
	MATLAB Programming for Simulation and design	NITTTR, Chennai- online	1 week 09.08.2021 to 13.08.2021
Mrs.R.Thilagavathy AP(Sr.Gr)/ECE	Recent trends in Biomedical Engineering	NITTTR, Chennai- online	16.07.2021
	inculcating Human Values in Technical Education	AICTE - Online	5 days 12.07.2021 to 16.07.2021
	MATLAB Programming for Simulation and design	NITTTR, Chennai- online	one week 09.08.2021 to 13.08.2021
L.Meenakshi AP(Sr.Gr)/ECE	C Programming and Assembly Language	NPTEL-AICTE	(4 weeks) July to August 2021
	Novel Nanomaterials-based flexible and wearable devices for healthcare applications	VIT, Chennai - Online	5 days 05.07.2021 to 09.07.2021
	Inculcating Human Values in Technical Education	AICTE - Online	5 days 02.08.2021 to 06.08.2021
	5G - The Microwave Perspective	Thiagarajar College of Engineering-Online	2 days 10.09.2021 to 11.09.2021
Mrs.M.Amudha AP(Sr.Gr)/ECE	Neulcating Human Values in Technical Education	AICTE - Online	12.07.2021 to 16.07.2021 (5 days)
	ATLAB Programming for Simulation and design	NITTTR, Chennai- online	7 days 09.08.2021 to 13.08.2021
Mrs.T.R.Muthu AP(Sr.Gr)/ECE	Advanced Technologies in Wireless Communication Networks	GMR Institute of Technology-Virtual Mode	(5 days) 02.08.2021 to 06.08.2021

Name of the staff & Designation	Programme	Place	Date
	Next Generation Computing and its Application (Artificial Intelligence, Machine Learning, Deep Learning & Data Science)	Kamaraj College of Engineering and Technology - Online	(7 days) 18.12.2021 to 24.12.2021
Mr.S.Ravisankar AP/ECE	Inculcating universal Human Value in Technical Education	AICTE	(6 days) 12.07.21 to 16.07.21
	Advanced Technologies in Wireless Communication Networks	GMR Institute of Technology	(5 days) 2.08.2021 to 6.08.2021
	Next Generation Computing and its Application (Artificial Intelligence, Machine Learning, Deep Learning & Data Science)	Kamaraj College of Engineering and Technology - Online	(7 days) 18.12.2021 to 24.12.2021
Mr.D.Anand AP2/ECE	Inculcating Universal Human Values in Technical Education	AICTE - Online	(5 days) 16.08.2021 to 20.08.2021
	Next Generation Computing and its Application (Artificial Intelligence, Machine Learning, Deep Learning & Data Science)	Kamaraj College of Engineering and Technology - Online	(7 days) 18.12.2021 to 24.12.2021
Mrs.R.Pavithra AP/ECE	Recent trends in Biomedical Engineering	NITTTR, Chennai- online	16.07.2021
	Inculcating Human Values in Technical Education	AICTE - Online	(5 days) 12.07.2021 to 16.07.2021
	MATLAB Programming for Simulation and design	NITTTR, Chennai- online	1week 09.08.2021 to 13.08.2021
	VLSI circuit Design and device modelling:Recent Trends and advancement	Thiagarajar College of Engineering	2 days 25.11.2021 & 26.11.2021
	IPR Awareness & Patent Registration	K.L.N. College of Engineering Pottapalayam	2 days 02.12.2021 & 03.12.2021

Name of the staff & Designation	Programme	Place	Date
C.Sasirekha AP/ECE	FPGA based Deep learning Application in Signal Processing	ATAL Academy at KLE Technological University	5 days 05.07.2021 to 09.07.2021
	Recent trends in Biomedical Engineering	NITTTR, Chennai- online	16.7.2021
	nculcating Universal Human Values in Technical Education	AICTE - Online	5 days 02.08.2021 to 06.08.2021
	Programming, Data Structures and Algorithms Using Python	NPTEL Online- IIT Madras	Jul-Sep 2021 (8 Weeks)
Mrs.T.Sugumari AP/ECE	Exploring Entrepreneurship & Startup opportunities	sri venkateshwara college of Engg&TechnologyPuducherry Online mode	(5 days) 05.07.2021 to 09.07.2021
	Robotics & Automation	Sai Ram Institute of Technology, Chennai. Online mode	(5 days) 26.07.2021 to 30.07.2021
	Inculcating Universal Human Values in Technical Education	AICTE - Online	(5 days) 02.08.2021 to 06.08.2021
	RF Applications using RFSoc Devices	Vel Tech R&D institute of Science & technology	(5 days) 22.11.2021 to 26.11.2021
	Oneday Workshop on CO-PO Mapping & ICT Tools	K.L.N. College of Engineering Pottapalayam	09.12.2021

NPTEL Online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Dr. V. Kejalakshmi, HOD / ECE	C Programming and Assembly Language- Online	July-Oct 2021	IIT Roorkee	Elite+Silver
Dr. Kumares P S AP (Sr.Gr)/ECE	Digital Circuits - online	July-Oct 2021	IIT Roorkee	Elite
Mrs.Sasirekha C AP/ECE	Programming, Data Structures And Algorithms Using Python-Online	July-Oct 2021	IIT Roorkee	Elite
L Meenakshi AP(Sr.Gr)/ECE	C Programming and Assembly Language- Online	July-Oct 2021	IIT Roorkee	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	July 2021
Dr.B.Buvaswari, ASP/ECE	Reviewer for the Journal of Supercomputing Appreciation	July 2021

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

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
07.07.21	Aptitude training	Connect training solutions (P) Ltd	42	Dr.P.S.Kumaresh, AP(SG) /ECE Mrs.T.Sugumari AP/ECE
11.08.21 to 13.08.21	Soft skill training program	C++,JAVA & PYTHON	76	S.R.Naresh, Associate Professor/ECE Ms.R.Pavithra, AP /ECE S.Ravisankar AP/ECE
02.10.2021 03.10.2021 09.10.2021 10.10.2021 16.10.2021 17.10.2021 23.10.2021 24.10.2021 30.10.2021 31.10.2021 (10 days) 30 periods	Cloud Computing using Amazon web service	Dr. Arun Kumar Sivaraman Assistant professor and consultant, school of CSE , Vellore Institute of Technology(VIT) Chennai Er.K.Gokul, Senior Software Engineer, CISCO Systems, Chennai	19	N.Janakiraman, Professor /ECE S.Ravisankar AP/ECE
21.10.2021, 22.10.2021, 25.10.2021 and 26.10.2021	Aptitude training	Connect Training Solutions (P) limited (OFFLINE mode)	83	Dr.P.S.Kumaresh, AP(SG) /ECE Mrs.T.Sugumari AP/ECE

Guest Lecture Organized

Date	Topic / Title	Details of Resource persons	Number of participants	Year
24.07.2021	General carrier Guidance and awareness about Employability test	AX developer, Sonata software	90	IV, III Students
07.08.2021	Career Guidance on TCS Placement	TCS, Chennai	90	IV, III Students
14.08.2021	Awareness Programme on "Core Placement"	Data Pattern chennai	80	IV, III Students
14.08.2021	Awareness Programme on "Core Placement"	Mr.R.Naveenkumar System Engineer Data Pattern	80	IV, III Students
23.08.2021	Full Stack Development	SSI Education, Madurai	90	III Students
03.09.2021	Awareness Program on Higher Study Guidance	Santech Private Ltd, Madurai	100	IV, III Students
05.09.2022	Data Science and how to become Data Scientist	Centre Director, Veranda Acacia, Madurai	76	IV Students
09.09.2022	photonic crystals and fruitful applications	KLNCE pottapalayam	96	III Students
20.11.2021	Career Opportunities in Core Industries	Adept chips, Bangalore	78	IV, III Students
08.12.2021	Introduction to python programming	SSI Education ,Madurai	90	IV / III Students

Funds Obtained from National Bodies / Au / Industry

- AICTE-ISTE sponsored Rs.95000 for online Induction/Refresher Programme on “Advanced Pedagogy using Smart Tools” has been organized by the department of Electronics and Communication Engineering, K.L.N.College of Engineering (Autonomous), Potapalayam, Tamilnadu, during January 21 -28, 2022.



Prof.Vijay.D.Vaidya, Executive Secretary, ISTE, has explained the need of introducing the various ICT tools in the Higher education Institutes



Dr.A.Sivanantha Raja, the Guest of Honour shared the difficulty in the online learning systems and the necessity of implementing the advanced pedagogical techniques for the enhanced teaching learning process.



Dr.G.K.Suraish Kumar, Professor, Department of Biotechnology, IIT Madras has delivered lecture on the topic “Cognitive Development



The topic of the session is “Students Psychology” and had been delivered by Dr. Renukadevi, Professor & head, department of Engineering Education, NITTTR, Chennai.

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

Name of the student	Year	Title of the event	Venue / Date	Prize Won
R.S.Bhuvaneshwari -	II/ECE	Anna University Chennai Zone – XVI Zonal Level BADMINTON (Women)	K.L.N College of Engineering, Potapalayam 22.09.2021	Third Place
Robin.S	IV/ECE	Anna University Chennai Zone – XVI Zonal Level BASKETBALL (MEN)	K.L.N College of Engineering, Potapalayam 22.09.2021	Third Place
G.Karthik Kannan	II	Presented paper in IETE sponsored Intra college Symposium conducted by ECE Dept	K.L.N College of Engineering, Potapalayam 23.10.2021	Participated
T.B.Srikumar	II	Presented paper in IETE sponsored Intra college Symposium conducted by ECE Dept	K.L.N College of Engineering, Potapalayam 23.10.2021	Participated
M.Amala Johnson M.Anas Ahamed I.Jeya Prakash	III	Project blind assistant	K.L.N College of Engineering Potapalayam	Best innovative project award

NPTEL Online Certification Courses (Student)

Name of the Student	Year	Course Title	Course Duration	Course Conducted by	Award
MSR Koushikha	III	NPTEL-Cloud computing - online	July-Oct 2021	IIT Roorkee	Successfully completed
Mukesh kumar R	III	NPTEL-Cloud computing - online	July-Oct 2021	IIT Roorkee	Successfully completed
Naveen kumar N	III	NPTEL-Cloud computing - online	July-Oct 2021	IIT Roorkee	Elite
RS Bhuvaneshwari	III	NPTEL-Cloud computing - online	July-Oct 2021	IIT Roorkee	Elite
A Nithish Kumar	III	NPTEL-Cloud computing - online	July-Oct 2021	IIT Roorkee	Successfully completed
Hemapriya K B	III	NPTEL-Problem solving through Programming In C - online	July-Oct 2021	IIT Roorkee	Elite+Silver
Karthigamai N L	III	NPTEL-Cloud computing - online	July-Oct 2021	IIT Roorkee	Elite
Gokulapriya B	III	NPTEL-Cloud computing - online	July-Oct 2021	IIT Roorkee	Elite
Harish SS	III	NPTEL-Cloud computing - online	July-Oct 2021	IIT Roorkee	Elite
Aniksha Moorthy	III	NPTEL-Problem solving through Programming In C - online	July-Oct 2021	IIT Roorkee	Elite

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Publications in International / National Journal

1. Dr.S.Miruna Joe Amali & K.Sasi Rekha," Efficient feature subset selection and classification using levy flight-based cuckoo search optimization with parallel support vector machine for the breast cancer data", International Journal of Imaging System Technology, DOI: 10.1002/ima.22686 , November 2021.

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Ms.S.Sangamitra AP2/CSE	Fundamentals of AI	K.L.N College of Engineering(Virtual)	13.09.2021 to 17.09.2021

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

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
23.09.2021	Data Science	Mr.Sushil Soni,Product Manager, Livewire,Jaipur.	100	Mr.J.Sulthan Ali Khan,AP(Sr.Gr)/CSE Mr.D.Prabhu,AP/CSE

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

Name of the student	Year	Title of the event	Venue / Date	Prize won
Ishwarya G K	III	Course	Solo Learn 04.07.2021	Participated
Shalini Devi M G	III	AI – For – India Event	GUVI Geek Networks 04.07.2021	Participated
Jeyadarshini P	III	Course	Solo Learn 08.07.2021	Participated
Shalini Devi M G	III	Technical Workshop	Cognixia 09.07.2021	Participated
Sharukeshavalingam A	I	Course	Sololearn 30.07.2021	Participated
Sharukeshavalingam A	I	Course	Sololearn 03.08.2021	Participated
Sibi Vishtan T T	IV	Online Course	Google, courser 04.08.2021	Participated
Miruthunjaya T V S	IV	Online Course	Trainindia 06.08.2021	Participated

Name of the student	Year	Title of the event	Venue / Date	Prize won
Vishnukumar T S	IV	Online Course	Trainindia 09.08.2021	Participated
Ishwarya G K	III	Course	Sololearn 16.08.2021	Participated
Sibi Vishtan T T	IV	Online Course	SAS, Coursera 17.08.2021	Participated
Shalini Devi M G	III	Course	GUVI Geek Networks 28.08.2021	Participated
Jeevapriya G M	III	Online Course	Trainindia 29.08.2021	Participated
Jeevapriya G M	III	Training Course	MathWorks Training Services 31.08.2021	Participated
Sujitha K S	III	Online Course	Great Learning Academy Aug, 2021	Participated
Madhu Maaliga Shree K S	II	Training Course	MathWorks Training Services 04.09.2021	Participated
Vishnukumar T S	IV	Online Course	Google, Coursera 10.09.2021	Participated
Sujitha K S	III	Course	UDEMY 12.09.2021	Participated
Aarthi P	II	Training Course	MathWorks Training Services 18.09.2021	Participated
Sibi Vishtan T T	IV	Online Course	Google, Coursera 19.09.2021	Participated
Nanthitha Sri S A	I	Online Course	Great Learning Academy Sep, 2021	Participated
Nanthitha Sri S A	I	Online Course	Great Learning Academy Sep, 2021	Participated
Nanthitha Sri S A	I	Online Course	Great Learning Academy Sep, 2021	Participated
Nanthitha Sri S A	I	Online Course	Great Learning Academy Sep, 2021	Participated
Nanthitha Sri S A	I	Online Course	Great Learning Academy Sep, 2021	Participated
Prasanna Kumar M M	III	NPTEL	NPTEL Online Certification Jul-Oct- 2021	Participated
Samuel Jebadurai J	III	NPTEL	NPTEL Online Certification Jul-Oct- 2021	Participated
Sibi Vishtan T T	IV	Online Course	IBM coursera 09.11.2021	Participated

Name of the student	Year	Title of the event	Venue / Date	Prize won
Sibi Vishtan T T	IV	Online Course	IBM courser 09.11.2021	Participated
Sibi Vishtan T T	IV	Online Course	IBM Courser 09.11.2021	Participated
Sibi Vishtan T T	IV	Online Course	Google, courser 09.11.2021	Participated
Kishore Kumar B P	I		Perfect Plan B Elearning Private Limited 20.11.2021	Participated
Karthikeyan S	I	Microsoft Technology Associate	Microsoft Technology Associate 04.12.2021	Participated
Sibi Vishtan T T	IV	Online Course	Google, coursera 06.12.2021	Participated
Jeevapriya G M	III	Online Course	Elearnmarkets 11.12.2021	Participated
Suganya Devi K S	I	Course	UI Path Academic Alliance 18.12.2021	Participated
Vishnuranjan V D	I	Course	UI Path Academic Alliance 19.12.2021	Participated
Sibi Vishtan Tt	IV	Online Course	IBM, Courser 24.12.2021	Participated
Sibi Vishtan Tt	IV	Online Course	SUNY, Courser 28.12.2021	Participated
Jyotikcha T S	IV	Spoken Tutorial	Spoken Tutorial Project, IIT Bombay 31.12.2021	Participated
Vishnukumar T S	IV	Spoken Tutorial	Spoken Tutorial Project, IIT Bombay 31.12.2021	Participated
Miruthunjaya T V S	IV	Spoken Tutorial	Spoken Tutorial Project, IIT Bombay 31.12.2021	Participated
Sowmiya N K	III	Spoken Tutorial	Spoken Tutorial Project, IIT Bombay 31.12.2021	Participated
Priyadharshini T	I	Creative Practices	K.L.N. College of Engineering, Sivaganga 01.11.2021	Best Out of Waste (2nd Prize)

NPTEL Online Certification Courses (Student)

Name of the Student	Year	Course Title	Course duration	Course conducted by	Award
J.Samuel Jebadurai	III	Problem Solving through Programming in c	Jul-Oct 12 Weeks	IIT Kharagpur	Elite

Industrial Visits

Year / Sem	Date	Industry Visited
II year / 03	26.10.2021	Kudankulam Nuclear Power Plant, Kudankulam PO, Radhapuram, TamilNadu-627106.

DEPARTMENT OF AUTOMOBILE ENGINEERING

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Mr. N.Rajkumar, ASP	Five Days FDP on “ Additive Manufacturing Programming, Operation and Applications- AICTE- ATAL, NewDelhi	Dr. B. R. Ambedkar National Institute of Technology, Jalandhar	20.09.2021 to 24.09.2021
Mr.N.Rajkumar, ASP, Mr.G.S.Santha Venkatesh, AP	Five Days FDP on “ Processing and Applications of functionally graded composite materials- AICTE- ATAL, NewDelhi	Thiagarajar college of Engineering, Madurai	06.12.2021 to 10.12.2021

NPTEL Online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course Duration	Course conducted by	Award
Dr.J.Rajesh Babu, ASP	Toyota Production System	July-Sep 2021	IIT Roorkee	Elite & Silver

Staff Achievements / Recognition / Honours

Name of the Staff & Designation	Name of the awards / achievements	Date
Dr.R.M. Satheeshkumar, HOD/Au.Engg	Selected as Treasurer and Joint Secretary of Quality Circle Forum of India (QCFI) Madurai Chapter in the year 2021.	01.11.2021

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Dr.A.Umarani, Prof/EIE	Two day Hands on workshop on “IPR Awareness and Pattern Registration”	KLNCE-IIPC	02.12.2021 to 03.12.2021
Mr.P.Ravikumar, ASP/EIE	Participated in FDP on “AI-ML Software tools”	Online Mode/VIT	21.07.2021 to 25.07.2021
Mrs.N.Vishnudevi AP/EIE	Online FDP on “Inculcating Universal Human Values in Technical Education”	Online Mode/ AICTE, NewDelhi	17.05. 2021 to 21.05. 2021
Mrs.V.Malarvizhi AP/EIE	Online FDP on “Inculcating Universal Human Values in Technical Education”	Online Mode/ AICTE, NewDelhi	17.05. 2021 to 21.05. 2021

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

Date	Topic / Title	Number of participants	Name of the Resource person	Venue
06.12.2021	Expert talk on “Employability Skills 2.0”	III & II year students (33)	Mr.Vijay Prabhakaran, Chief HR, Idea Helix Inc Coimbatore	System Design Lab

DEPARTMENT OF INFORMATION TECHNOLOGY

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.JS.Kanchana, Prof/IT	FDP on “ AI-ML Software Tools”	21.7.2021 to 25.7.2021	VIT, Chennai.
2.	Mr.M.Satheesh Kumar, AP/IT	Introduction to Quantum computing and Information	05.07.2021 to 09.07.2021	ATAL
3.	Mr.M.Satheesh Kumar	Information and Cyber Security	12.07.2021 to 16.07.2021	ATAL
4.	Mr.M.Satheesh Kumar	Foundation of Data Science & its Application	26.07.2021 to 30.07.2021	ATAL
5.	Mr.M.Satheesh Kumar	Data Sciences	09.08.2021 to 13.08.2021	ATAL
6.	Mrs.S.Vijayasharmila, AP/IT	Technology Insights on IOT, Artificial Intelligence and Data Science	18.08.2021 to 28.08.2021	Self (Easwari Engineering College.)
7.	Mr.V.Aravinda Rajan, AP/IT	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "AUGMENTED REALITY/VIRTUAL REALITY AND ITS APPLICATIONS"	04.10.2021 to 08.10.2021	Sri SaiRam Engineering College.
8.	Mr.V.Aravinda Rajan, AP/IT	AICTE Training And Learning (ATAL) Academy, Microsoft India, & SAP India Online FDP on “Artificial Intelligence”	15.11.2021 to 19.11.2021	Microsoft India, & SAP India (TechSaksham Program)
9.	Mrs.S.Jeniba, AP/IT	Smart Grid and Electric Vehicle	04.10.2021 to 08.10.2021	AICTE Training And Learning (ATAL) Academy Online Elementary FDP

S.No.	Name of the faculty	Title of the event, FDP/Workshop/ Seminar	Date	Sponsored by (AICTE/ AU/ IEEE/ IEI/ ISTE etc.) / Self Support
10.	Mrs.S.Jeniba, AP/IT	ROBOTICS	20.12.2021 to 24.12.2021	2021AICTE Training And Learning (ATAL) Academy Online Elementary FDP
11.	Ms.N.Mutahmil Selvi, AP/IT	Six days online FDTP on Big Data Analytics	27.12.2021 to 03.01.2022	Kongunadu College of Engineering and Technology
12.	Mr.G.H.Ram Ganesh, AP/IT	AICTE-ISTE Approved Orientation / Refresher Programme on "Physiological Control and Internet of Medical Things"	17.12.2021 to 23.12.2021	AICTE Sponsered & ISTE
13.	Ms.RM.Suganya, AP/IT	CS8091 - Big Data Analytics	27.12.2021 to 03.01.2022	Kongunadu College of Engineering & Technology, Trichy
14.	Ms.RM.Suganya, AP/IT	Emerging Technologies in Information & Telecommunication Engineering	08.11.2021 to 13.11.2021	IETE Sponsored
15.	Mrs.TT.Mathangi, AP/IT	Online Elementary FDP on ROBOTICS	20.12.2021 to 24.12.2021	ATAL Academy
16.	Mrs.TT.Mathangi, AP/IT	Foundations of Data Science and Machine Learning for Cross-domain Applications	27.12.2021 to 31.12.2021	ATAL Academy
17.	Mrs.N.Logamithra, AP/IT	CS8091 - Big Data Analytics	27.12.2021 to 03.01.2022	Kongunadu College of Engineering & Technology, Trichy

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

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

Date	Title	Details of Resource Person	No. of participants	Co-ordinator
17.11.2021 to 19.11.2021	Frame Works for Web Application Development	Mr.S.Sukumar., SSI APTECH.	45	Dr.C.Ashok Baburaj ASP/MCA.,

Value Added Course Organized

Date	Title	Details of resource person	No. of participants	Co-ordinator
28.12.2021 to 31.12.2021	Node JS and React JS	Accent Techno Solutions, Coimbatore.	45	Mrs.MSC.Sujitha., AP/MCA.,

Photo For Node Js & React Js(Accent Techno Solutions,Coimbatore)



DEPARTMENT OF MANAGEMENT STUDIES

Quality Improvement Programs

Name and Designation of the Staff	Seminar / Workshop /Course Attended	Venue	Date
B.Shanthi AP(SG)	Research Methodology & Innovation Seven Days International Level FDP	PPG College of Arts and Science, Coimbatore	05.07.2021 to 12.07.2021
B.Shanthi AP(SG)	Emerging Trends and Challenges in Commerce Seven Days National Level FDP	PPG College of Arts and Science, Coimbatore	02.08.2021 to 09.08.2021
B.Palanivelrajan AP	Interdisciplinary Innovation in Academic Research International Virtual Conference	The American College, Madurai	02.11.2021
B.Shanthi AP(SG)	IPR Awareness & Patent Registration Two days Hands on Workshop	KLNCE	02.12.2021 & 03.12.2021
Dr.K.S.Hariharan	IPR Awareness & Patent Registration Two days Hands on Workshop	KLNCE	02.12.2021 & 03.12.2021

Research and Consultancy Work

Name and Designation of the Staff	Name of Research and Consultancy Work	Date / Place
Dr.T.Jothimurugan Dr.R.S.Balasenthil Prof.B.Shanthi Prof.T.Shobanadevi	Soft Skill Training for India Post Official	08.10.2021 to 16.10.2021 Perungudi 01.11.2021 to 17.11.2021 Perungudi



Guest lectures delivered by staff:

Date	Topic	Venue	Staff Name
04.12.2021	Marketing strategies for Fish and Aquaculture Business	VAPS – Training Institute, Chokkikulam, Madurai	Dr.T.Jothimurugan
21.08.2021	Marketing and Hazards/risk Management	VAPS – Training Institute, Chokkikulam, Madurai	Dr.T.Jothimurugan

Guest Lectures

Date	Topic / title	Year	Details of resource person
13.09.2021	Expert talk on “Internship at Industry”	I – MBA (25 Students)	Mr.Ashok IIT (Alumni) incubate Entrepreneur.
18.11.2021	Expert talk on “Goal Setting for Professional Success”	I – MBA (60 Students)	Mr.Rozario, Corporate Trainer
08.12.2021	Expert talk on “Employment Opportunity”	II – MBA (25 Students)	
21.12.2021	Competency Development Program “ Sale of Goods and Negotiable Instruments Acts”	I – MBA (60 Students)	Mr.S.S.Roy, Leading advocate, Madurai
22.12.2021	Entrepreneurial Experiences” Leadership	II – MBA (25 Students)	Mr.S.V.Surajsundara Shankar, Managing Partner, SVS Manufacturers

Industrial Visits

Year / Sem	Date	Industry visited
II Year / III	27.11.2021	 <p>“SNP Dairy Milk”</p>
II Year / IV	09.12.2021	 <p>“Ruby food Product”</p>

DEPARTMENT OF MATHEMATICS

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Mrs. R.Usha AP/Maths	One day work shop on CO-PO Mapping & ICT Tools	K.L.N College of Engineering conducted by QC-QEC	09.12.2021

DEPARTMENT OF PHYSICS

Quality Improvement Programs

Name and Designation of the Staff	Seminar / Workshop / Course Attended	Date / Venue
Dr.R.Geetha	Methods and mechanism of CO ₂ AND H ₂ Adsorption in Metal-Organic frameworks	01.07.2021, 1 day