



KLN COLLEGE OF ENGINEERING

ESTD 1994

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



YEAR - 2022

Petal - 1

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.

EDITORIAL BOARD

PUBLISHED BY,

KLN College of Engineering , pottapalayam

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- 1) R Jeyapathap AP/EEE
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- 5) N Logomithra AP/IT
- 6) G S Santha Venkatesh AP/AUTO
- 7) P Ravikumar ASP/E&I
- 8) Dr. S Balamurugan AP(SG)/AI&DS

PREPARED BY,

Mr. P Ravikumar ASP/E&I

DEPARTMENT OF MECHANICAL ENGINEERING

Publications in International / National Journal

Hemalatha, P.Udhayakumar, “Experimental Investigation on Influence of Process Parameters on Properties of Powder Synthesized Aluminium Metal Matrix Composites by Taguchi’s Analysis” Materials Research (SciELO, Scopus & SCI Indexed, Impact factor: 1.408)

Publications in International / National Conference

1. **Dr.R.Ashok Kumar**, “Friction stir welding of AA6601 and AA6603 dissimilar aluminium alloys using different pin profiles”, National Conference On TIME 5.0 2022, Dr.M.G.R Deemed University, Chennai, 27.04.2022
2. **Dr.R.Ashok Kumar**, “Friction stir welding of dissimilar aluminium alloys using different tool materials”, National Conference On TIME 5.0 2022, Dr.M.G.R Deemed University, Chennai, 27.04.2022

NPTEL Online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Dr.P.Udhayakumar, Prof. & Head / Mech	Data Science for Engineers	Jan 2022 to April 2022	IIT Madras	Elite
Dr.P.Udhayakumar, Prof. & Head / Mech	Manufacturing Guidelines for Product Design	Jan 2022 to April 2022	IIT Roorkee	Elite & Silver
Dr.A.N.Balaji, Prof. / Mech.	Principles of Industrial Engineering	Jan 2022 to April 2022	IIT Roorkee	Elite & Silver
DR P Sabarinath, ASP / Mech.	Welding Processes	Jan 2022 to April 2022	IIT Madras	Elite & Silver
Dr. C.Anbumeenakshi, ASP / Mech.	Introduction To Mechanical Micro Machining	Jan 2022 to April 2022	IIT Kharagpur	Elite
Dr.R.Ashokkumar, AP(SG)/Mech.	Welding Processes	Jan 2022 to April 2022	IIT Madras	Elite & Silver
Dr.S.Porselvi, AP (Sr.Gr) / Mech.	Principles of Industrial Engineering	Jan 2022 to April 2022	IIT Roorkee	Elite

Staff Achievements / Recognition / Honours

Name of the Staff & Designation	Name of the awards / achievements	Date
Dr.M.R.Thansekhar Dr.A.N.Balaji	AD Scientific index, World Scientist and University Rankings 2021	26.01.2022

Guest Lecture Organized

Date	Topic / Title	Details of Resource persons	Number of participants	Year
26.04.2022	Self assessment, self appraisal and self development	Mr.V.S.Ravikumar, HR Manager, Royal Air Cool Contracting Company, Madurai	47	I Year Students

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

Name of the student	Year	Title of the event	Venue / Date	Prize won
M.S.Balaji	II	Seminar on Technological developments in I.C. Engines	ISHRAE Madurai chapter / 08.04.2022	-
M.S.Sanjaykumar	II			
A.Nivethitha Mary	II			
D.R.B. Ajay kumar	IV	National Conference on Trends & Innovation in Mechanical Engineering	Dr.M.G.R. Educational and Research Institute, Chennai / 27.4.22	-
P.H. Ashwin Ram	IV			
Dheenadhayalan	IV			
E.S. Udhayakumar	IV	National Conference on Trends & Innovation in Mechanical Engineering	Dr.M.G.R. Educational and Research Institute, Chennai / 27.4.22	-
M. Sabari Rahul	IV			
R. Vijay	IV			
S.Laxmi Narayanan	III	Technical talk on HVAC Drawing standards	ISHRAE Madurai chapter / 29.04.2022	-

NPTEL Online Certification Courses (Student)

Name of the Student	Year	Course Title	Course Duration	Course Conducted by	Award
V.K.Sankaranarayanan	III	NPTEL, Programming in Java (12 week Course)	Jan-Apr 2022	IIT Kharagpur	Elite & Silver
V.R.Bharathyusha	III	NPTEL, Programming in Java (12 week Course), IIT Kharagpur	Jan-Apr 2022	IIT Kharagpur	Elite & Silver
S.S.Yogeshwaran	III	NPTEL, Principles of Casting Technology (8 week Course)	Jan-Mar 2022	IIT Roorkee	Elite & Silver
Umar Ali	III	NPTEL, Principles of Casting Technology (8 week Course), IIT Roorkee	Jan-Mar 2022	IIT Roorkee	Elite & Silver
F.Arockia Nelson	III	NPTEL, Design Practice (8 week Course)	Feb-Apr 2022	IIT Kanpur	Elite & Silver
A.Manojkumar	II	NPTEL, Design Practice (8 week Course)	Feb-Apr 2022	IIT Kanpur	Elite & Silver

Industrial Visits

Year / Sem	Date	Industry Visited
III / VI	29.04.2022	<p>Sun Pressings Pvt Ltd, K.Pudur, Madurai</p> 
II / IV	28.04.2022	<p>Kwality Coil Pvt Ltd, Alagar Koil, Madurai</p> 

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Journal

1. Dr.M.Jegadeesan,ASP/EEE, “Smart Charge Control of batteries in Electric vehicle using LabVIEW with IoT Platform” <https://jnxtgitech.com/current-issues.php> Vol:2 No.1(2022), May 2022 Journal of Next Generation Technology.
2. M. Ganeshkumari,AP(Sr.Gr)/EEE, “Modelling of PV Based Cascaded Buck-Boost Converter” <https://jnxtgitech.com/current-issues.php> Vol:2 No.1(2022), May 2022 for Journal of Next Generation Technology.
3. M.Jeyamurugan, AP(Sr.Gr)/EEE, “Projector light control and fuzzy based control for EDOC in electric vehicle for two wheelers” <https://lcjstem.com/index.php/jstem/issue/view/9> Vol:3 No.1(2022),:Jan-Mar 2022, LC International Journal of STEM
4. R.Jeyapandi prathap,AP/EEE , “Design of resonant converter topologies in electric vehicles” <https://lcjstem.com/index.php/jstem/issue/view/9> Vol:3 No.1(2022),:Jan-Mar 2022,LC International Journal of STEM
5. .T.Gopu,AP/EEE, “Gesture control life guard robot using microcontroller” <https://lcjstem.com/index.php/jstem/issue/view/9> Vol:3 No.1(2022),:Jan-Mar 2022,LC International Journal of STEM

Conference

1. Dr.S.M.Kannan, “IoT based solar panel cleaner” Virtual Conference on Smart computing & advanced communication (SCAC’ 22) PSNA College of Engineering & Technology Dindigul. 13th May 2022
2. Dr.S. Venkatesan, “Energy Consumption Indicator For Industries and Agriculture” Virtual Conference on Smart computing & advanced communication (SCAC’ 22), PSNA College of Engineering & Technology Dindigul.13th May 2022.
3. Dr.S.Venkatesan, “IoT based solar panel cleaner” Virtual Conference on Smart computing & advanced communication(SCAC’ 22),PSNA College of Engineering & Technology,Dindigul.13th May 2022
4. Dr. K. Gnanambal, “Underground Cable Fault Detection using Arduino” International Conference on smart Technologies and Applications-2022 (ICSTA),Ramco Institute of Technology, Rajapalayam.11th & 12th March 2022 (Online mode)

5. Dr. S.Venkatanarayanan, “Analysis the Performance of Multilevel Invereter with Reduced Number of Switched with Modified Perturb and Observe Algorithm” International Conference on Recent Trends in Computing and Information Technology (RTCIT-2022), Sarah Tucker College, Tirunelveli. 11th & 12th Feb 2022.
6. Dr.P.Loganthurai & A.Marimuthu, “Effective Utilization of solar energy source using IoT” Virtual Conference on Smart computing & advancedcommunication (SCAC’ 22) PSNA College of Engineering & Technology Dindigul.13th May 2022.
7. Dr.M.Jegadeesan, “Battery Monitoring System In Electric Vehicle” Virtual Conference on Smart computing & advancedcommunication (SCAC’ 22),PSNA College of Engineering & Technology, Dindigul.13th May 2022
8. Dr.C.Vimalarani A.Marimuthu, “Automatic Alerting System by using Microcontroller For Railway Station” Virtual Conference on Smart computing & advancedcommunication (SCAC’ 22).PSNA College of Engineering & Technology Dindigul.13th May 2022
9. Dr.S.Manoharan, “Automatic Monitoring of Biogas Power Generation System” Virtual Conference on Smart computing & advancedcommunication (SCAC’ 22).PSNA College of Engineering & Technology Dindigul.13th May 2022
10. Dr. .M. Ganeshkumari, “IoT based Smart Agriculture System using Node MCU” International Conference on smart Technologies and Applications-2022 (ICSTA),Ramco Institute of Technology, Rajapalayam.11th & 12th March 2022 (Online mode)
11. Dr. .M. Ganeshkumari, “Modelling of PV Based Cascaded Buck-Boost Converter For Water Pumping Application” Virtual Conference on Smart computing & advancedcommunication (SCAC’ 22).PSNA College of Engineering & Technology Dindigul.13th May 2022
12. M. Jeyamurugan R.Jeyapandiprathap, T.Gopu, “Projector Light control in electric vehicle for two wheelers” National Conference on Innovations in Information and Communication Technology (NCIICT- 2022),Bannari Amman Institute of Technology, Sathyamangalam.08 April 2022

- 13.** M. Jeyamurugan R.Jeyapandiprathap, “Rocker Bogie Suspension based Alive Human Detector Rover” National Level Conference on Informatics, Electronics and Communication,NCCIEC’22, K.L.N. College of Engineering,27th May 2022.
- 14.** R.Jeyapandiprathap, M. Jeyamurugan, “An Automation on Goods Loading & Unloading on Train” National Level Conference on Informatics, Electronics and Communication,NCCIEC’22, K.L.N. College of Engineering,27th May 2022.
- 15.** R.Jeyapandiprathap, M. Jeyamurugan T.Gopu, “Analysis and Design of Resonant Converter Topologies in Electric Vehicles” National Conference on Innovations in Information and Communication Technology (NCIICT- 2022),Bannari Amman Institute of Technology, Sathyamangalam.08 April 2022
- 16.** T.Gopu , R.Jeyapandiprathap, M. Jeyamurugan, “Gesture Control Life Guard Robot Using Microcontroller” National Conference on Innovations in Information and Communication Technology (NCIICT- 2022),Bannari Amman Institute of Technology, Sathyamangalam.08 April 2022
- 17.** Mrs.R.Sridevi, “Energy Saving In Street Light That Glows On Detecting Vehicle” Virtual Conference on Smart computing & advancedcommunication (SCAC’ 22).PSNA College of Engineering & Technology Dindigul.13th May 2022

3. Short term courses/seminar/symposium attended by the Staff:



Name and Designation of the Staff	Seminar / Workshop / Course Attended	Date / Place
Dr.K.Gnanambal, Prof./EEE	Delivered a lecture on “Transient Response Analysis” Anna University Sponsored Online Faculty Development Training Programme on “EE3251-ElectricCircuit Analysis”.	05.01.2022/ Government College ofTechnology, Coimbatore.
A.Marimuthu, ASP / EEE	Delivered a lecture on “PSO and Grey Wolf Optimization Algorithm to Renewable systems” in the online workshop.	27.02.2021/ Government College ofTechnology,Coimbatore.
A.Marimuthu, ASP / EEE	NPTEL–AICTE FacultyDevelopment Programme on “Operation and Planning of Power Distribution Systems”.	Jan-April 2022 (12 Week Course)IIT, Madras.
Dr.P.Loganthurai, ASP / EEE	NPTEL–AICTE FacultyDevelopment Programme on “Operation and Planning of Power Distribution Systems”.	Jan-April 2022 (12 Week Course)IIT, Madras.
Dr.M.Jegadeesan ASP / EEE	NPTEL–AICTE FacultyDevelopment Programme on “Operation and Planning of Power Distribution Systems”.	Jan-April 2022 (12 Week Course)IIT, Madras.
Dr.C.Vimalarani, ASP / EEE	NPTEL–AICTE Faculty Development Programme on “Patent Drafting for Beginners”.	Jan-Feb 2022 (4 Week Course)IIT, Madras.
Dr.C.Vimalarani, ASP / EEE	Participated in Six days Online Faculty Development Programme on "Control Engineering in Electric Vehicles".	07.02.2022 to 12.02.2022/ SRM TRP Engineering College, Tiruchirappalli.
Dr.C.Vimalarani, ASP / 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 ofTechnology, Coimbatore.



Name and Designation of the Staff	Seminar / Workshop / Course Attended	Date / Place
Dr.S.Manoharan, AP(Sr.Gr.) / EEE	Participated in online one week AICTE-ISTE approved Orientation / Refresher Programme on "Multi-objective Optimization: Algorithms and Engineering Applications".	22.2.2022 to 28.02.2022/ Government Engineering College, Valsad, Gujarat.
Dr.M.GaneshKumari, AP(Sr.Gr.) / EEE	NPTEL–AICTE Faculty Development Programme on “Digital Protection of Power System”.	Jan-March 2022 (8 Week Course)IIT, Madras.
	Certificate earned by Completing NPTEL Online Certification course on “Electric Vehicles-Part I”.	Feb-March 2022 (4 Week Course) IIT, Madras.
	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.
M.Jeyamurugan, AP(Sr.Gr.) / EEE	Participated & Completed successfully 25 days “Master class on Artificial Intelligence”.	06.12.2021 to 04.01.2022 / Pantech e-learning Pvt. Ltd, Chennai.
	NPTEL–AICTE Faculty Development Programme on “Operation and Planning of Power Distribution Systems”.	Jan-April 2022 (12 Week Course)IIT, Madras.
	Participated in Five day online Faculty Development Programme on “Recent Advances in Electrical Engineering”.	21.3.2022 to 25.3.2022/ GATES Institute of Technology, Gooty, Ananthapur.
R.Jeyapandiprathap, AP / EEE	NPTEL–AICTE Faculty Development Programme on “Operation and Planning of Power Distribution Systems”.	Jan-April 2022 (12 Week Course)IIT, Madras.
	Participated in Five day online Faculty Development Programme on “Recent Advances in Electrical Engineering”.	21.3.2022 to 25.3.2022/ GATES Institute of Technology, Gooty, Ananthapur.


Name and Designation of the Staff	Seminar / Workshop / Course Attended	Date / Place
	Participated in Three days Program on “Science and Technology Capacity Building for Industrial Needs” catalyzed and supported by Tamil Nadu State Council for Science and Technology, Chennai.	14.03.2022 to 16.03.2022/ K.L.N. College of Engineering, Sivagangai (Dt).
N.VimalRadhaVignesh,AP / EEE	NPTEL–AICTE Faculty Development Programme on “Electric Vehicles-Part 1”.	Feb-March 2022 (4 Week Course) IIT, Madras.
	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.
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.
R.Thangasankaran,AP/EEE	Participated in one week online International FDP on “Next Generation Computing: Key Trends, Challenges and Opportunities”.	18.04.2022 to 23.04.2022/ SRM Institute of Science and Technology, Ramapuram.

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

Date	Title	Details of Resource Person	No. of Participants
09.6.2022	Industry needs of Power quality auditing due to Solid state drives and Power electronics devices”	<p>Resource Person: Dr.S.Parthasarathy, Prof./EEE, IIPC Chief Coordinator, K.L.N.College of Engineering, Sivagangai(Dt.)</p> 	<p>Participant Details: Total:36 Students:36 (B.E.EEE –III year [(2019-2023Batch)]) Co-ordinator(s): Dr.S.Manoharan, AP(Sr.Gr.)/EEE Dr.M.Ganesh Kumari,AP(Sr.Gr.)/EEE Sponsor & Amount: Nil</p>
19.05.2022 Type: CSR/ Awareness Programme	Conservation of Electrical Energy, Safety &Importance of Earthings”	<p>Resource Person: Dr. P. Loganthurai, ASP/EEE, K.L.N.Polytechnic College, Kozhmedu, Madurai.</p> 	<p>Participant Details: Total :110Nos, (External : Students-100 Nos; Staff-10Nos.) Co-ordinator(s): Dr.P.Loganthurai, ASP/EEE Sponsor & Amount: Nil</p>

Date	Title	Details of Resource Person	No. of Participants
<p>25.04.2022</p> <p>Type: Awareness Program</p>	<p>Energy Audit and Conservation for the Educational Institutions”</p>	<p>Resource Person: Dr.S. Venkatanarayanan, Professor/EEE, Dr.S. Venkatesan, Professor/EEE K.L.N.College of Engineering, Sivagangai District</p> 	<p>Participant Details: Total: 210 Nos. (Tamilnadu Govt polytechnic college, Madurai - III year, II Year EEE Students & Faculty)</p>
<p>11.4.2022 to 13.4.2022</p>	<p>Three days Competency Development Program “Aptitude and Reasoning Fundamentals”</p>	<p>Resource Person: Mr.R.Muralidharan, Managing Director, M/s Connect Training Solutions (P) Limited, Tirunelveli</p> 	<p>Participant Details: Total:38 Students:38 [B.E.-EEE -II year/IV Sem / ‘B’ Sec-29 Nos. (2020-2024)Batch & B.E.-EIE -IV Sem-9 Nos. (2020-2024)Batch) Co-ordinator(s): M.Jeyamurugan, AP(Sr.Gr.)/EEE N.Vimal Radha Vignesh,AP/EEEE R.,Jeyapandiprathap, AP/EEEE Dr.C.Vimalarani, ASP/EEE Organizing Student Chapter: IEEE&IIPC Sponsor & Amount: Nil</p>

Date	Title	Details of Resource Person	No. of Participants
07.03.2022 to 11.03.2022 Type: Value added course	5 days Value added course on "Embedded Systems and Controller Applications"	<p>Resource Person: Mr. V.Selvaganesh, Electrical-R&D. Mr.T.Sundrapandy, Director-IT-R&D, Shubham Solutions, Madurai..</p> 	<p>Participant Details: Total:40 Students (B.E.EEE -III year- VI Semester-35Nos.;B.E.-EIE-III Year- VI Semester-04Nos. [(2019-2023Batch] &M.E.-(PSE)-II Year-IV Semester-01No (2020-2022) Batch Co-ordinator(s): Dr.M.Ganesh Kumari,AP(Sr.Gr./EEE Dr.S. Manoharan, AP(Sr.Gr)/EEE, Mr. T. Gopu,AP/EEE Organizing Student Chapter: IEEE&IIPC Sponsor & Amount: Nil</p>
18.02.2022 Type: Expert Talk	IIPC sponsored Expert Talk on "Scopes and Challenges in E-Vehicle"	<p>Resource Person: Dr.K.Srinivasan B.S., MBA.,Ph.D Business Head Greaves care, Greaves Retail, Greaves Cotton Limited, Ekkatuthangal, Guindy Industrial Estate, Chennai.</p> 	<p>Participant Details: Total:69 Students:67 (B.E.EEE -I year [(2021-2025Batch] Faculty : 02Nos Co-ordinator(s): R.Jeyapandi Prathap, AP/EEE R.Thangasankaran,AP/EEE Organizing Student Chapter: IIPC Sponsor & Amount: Nil</p>

Date	Title	Details of Resource Person	No. of Participants
<p>16.01.2022@ 11.00am to 12.00noon Type: Expert Talk (Webinar through Google Meet)</p>	<p>Webinar- "Electrical CAD"</p>	<p><u>Resource Person:</u> Mr. A.Muthukumar, Director, Practical Technologies,, Madurai..</p> 	<p>Participant Details: Total:100 Students:88 [(B.E.EEE -IV year-13Nos. 2018-2022Batch) B.E.EEE -III year-30Nos. [(2019-2023Batch) (B.E.EEE -II year-45Nos. [(2020-2024Batch)] Faculty-12Nos. Co-ordinator(s): Final Year: Dr.S.Venkatesan Prof./EEE, N.Vimal Radha Vignesh,AP/EEE Third Year: Dr.S. Manoharan, AP(Sr.Gr)/EEE, Dr.M. Ganesh Kumari,AP(Sr.Gr.)/EEE Second Year: Dr.P.Loganthurai,Prof./EE M.Jeyamurugan, AP(Sr.Gr.)/EEE Organizing Student Chapter: IEEE&IIPC Sponsor & Amount: Nil</p>



5. Achievements of staff/Recognition / Honours

Name and Designation of the Staff	Achievements of Staff / Recognition / Honors	Date / Place
A.Marimuthu, ASP/EEE	NPTEL–AICTE Faculty Development Programme on “Operation and Planning of Power Distribution Systems”.	Jan-April 2022 (12 Week Course) IIT, Madras.
Dr.P.Loganthurai, ASP/EEE	NPTEL–AICTE Faculty Development Programme on “Operation and Planning of Power Distribution Systems”.	Jan-April 2022 (12 Week Course) IIT, Madras.
Dr.M.Jegadeesan ASP/EEE	NPTEL–AICTE Faculty Development Programme on “Operation and Planning of Power Distribution Systems”.	Jan-April 2022 (12 Week Course) IIT, Madras.
Dr.C.Vimalarani, ASP/EEE	NPTEL–AICTE Faculty Development Programme on “Patent Drafting for Beginners”.	Jan-Feb 2022 (4 Week Course)IIT, Madras.
Dr.M.GaneshKumari, AP(Sr.Gr.)/EEE	NPTEL–AICTE Faculty Development Programme on “Digital Protection of Power System”.	Jan-Feb 2022 (8 Week Course)IIT, Madras.
	Certificate earned by Completing NPTEL Online Certification course on “Electric Vehicles-Part1”.	Feb-March 2022 (4 Week Course) IIT, Madras.
M.Jeyamurugan, AP(Sr.Gr.)/EEE	NPTEL–AICTE Faculty Development Programme on “Operation and Planning of Power Distribution Systems”.	Jan-April 2022 (12 Week Course) IIT, Madras.
R.Jeyapandiprathap, AP/EEE	NPTEL–AICTE Faculty Development Programme on “Operation and Planning of Power Distribution Systems”.	Jan-April 2022 (12 Week Course) IIT, Madras.
N.VimalRadhaVignesh, AP/EEE	NPTEL–AICTE Faculty Development Programme on “Electric Vehicles-Part 1”.	Feb-March 2022 (4 Week Course) IIT, Madras.

6. Students Technical Association/Participation

S.No.	Name of the Student	Year	NPTEL Course Name	Prize Won (Elite/Pass)	Duration
1.	Arjun M	IV	“Digital Protection of Power System”	Elite+Silver	Jan-March 2022 (8 Weeks Course)
2.	Iswarya T K	III	“An Introduction to Programming through C++”	Elite+Silver	Jan-Apr 2022 (12 Weeks Course)
3.	Harish Prabu P G	III	“An Introduction to Programming through C++”	Elite+Silver	Jan-Apr 2022 (12 Weeks Course)
4.	Rajesh Kumar N S	III	“An Introduction to Programming through C++”	Elite	Jan-Apr 2022 (12 Weeks Course)
5.	Preethi V	III	“An Introduction to Programming through C++”	Elite	Jan-Apr 2022 (12 Weeks Course)

7. Guest lectures/Special programmes conducted

Date	Title	Details of Resource Person	No. of Participants
19.05.2022 Type: CSR/ Awareness Programme	Conservation of Electrical Energy, Safety &Importance of Earthings”	Resource Person: Dr. P. Loganthurai, ASP/EEE, K.L.N.Polytechnic College, Kozhmedu, Madurai. 	Participant Details: Total :110Nos, (External : Students-100 Nos.; Staff-10Nos.) Co-ordinator(s): Dr.P.Loganthurai, ASP/EEE Sponsor & Amount: Nil
25.04.2022 Type: Aware ness Program	Energy Audit and Conservation for the Educational Institutions”	Resource Person: Dr.S.Venkatanarayanan, Professor/EEE, Dr.S.Venkatesan, Professor/EEE K.L.N.College of Engineering, Sivagangai District 	Participant Details: Total: 210 Nos. (Tamilnadu Govt polytechnic college , Madurai -III year, II Year EEE Students & Faculty)

8. 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. K.Gnanambal, Professor/EEE Dr. S. Miruna Joe Amali, Professor/CSE Dr.S.Suresh Raja, ASP/AIDS Dr.P.Logandurai, ASP/EEE, Mr.R.Thangasankaran, ASP/EEE	Smart Electric Energy Management Device with Optimized Source and Load Scheduler to Reduce Peak Demand and Power Cost	Proposal Applied	DST-Technology Development Programme (TDP)	Rs. 99,41,000	12th Jan 2022

9. Students Placements

S.No.	Roll No	Name of the Student	Name of the Company	Mode of Placement
1.	182007	Ramnath P	TCS	TCS Ninja
2.	182031	Lakshmi K	Amphisoft Technologies	ON
3.	182010	Gowtham R S	Lucid Imaging	ON
4.	182008	Arun Pandian G	Lucid Imaging	ON
5.	182026	Akash A S	Lucid Imaging	ON
6.	182027	Keerthana T	Aspire Systems	ON
7.	182013	Yuvarajsoman R	HARMAN Connected Services	ON
8.	182028	Aishvarya C	CSS Corp	ON
9.	182301	Vishnu G	Caliber Interconnect System	OFF
10.	182025	Aishwarya S	Wipro	OFF
11.	182033	Srinithi M	Fresh Voice	ON
12.	182034	Aswin Kumar N G	Fresh Voice	ON
13.	182021	Vignesh S R	iOPEX	ON
14.	182030	Anu S	FACE	ON
15.	182005	Vel Murugan R	Pinnacle Infotech Solutions	ON

S.No.	Roll No	Name of the Student	Name of the Company	Mode of Placement
16.	182023	Hema M	Sutherland	ON
17.	182302	Sam Benjamin I	Pinnacle Infotech Solutions	ON
18.	182002	Swetha V	Atos Syntel	OFF
19.	182003	Sathiya Bharathi B	Pinnacle Infotech Solutions	ON
20.	182015	Harish K	Pinnacle Infotech Solutions	ON
21.	182006	Karthick R M	Caliber Interconnect System	OFF
22.	182012	Sivarama Krishnan A	Maticz Technologies Pvt Ltd	OFF
23.	182032	Sukkendrapandy B	Jasmin Infotech	OFF
24.	182020	Akash Ka	Sella India Software Services Pvt Ltd	OFF
25.	182011	Harish Babu A	VinChip System Pvt Ltd	OFF
26.	182026	Akash A S	Aspire Systems	ON
27.	182025	Aishwarya S	TATA Elxsi	OFF
28.	182033	Srinithi M	iOPEX	ON
29.	182030	Anu S	Sutherland	ON
30.	182005	Vel Murugan R	Sutherland	ON
31.	182302	Sam Benjamin I	Sutherland	ON
32.	182021	Vignesh S R	Pinnacle Infotech Solutions	ON
33.	182006	Karthick R M	Fresh Voice	ON
34.	182301	Vishnu G	Chainsys	ON
35.	182002	Swetha V	Pinnacle Infotech Solutions	ON
36.	182033	Srinithi M	Sutherland	ON

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Publications in International / National Journal

1. **Dr. N.Janakiraman** “Effective Classification of Synovial Sarcoma Cancer Using Structure Features and Support Vectors” Computers, Materials & Continua Tech Science Press, ISSN: 1546-2218, January 2022.

Publications in International / National Conference

1. **Mrs. SUGUMARI T** “Design of 4 port MIMO antenna with SRR ground structure for 5G Applications” International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), SivasubramaniyaNadar College of Engineering, Chennai 24 - 26 March 2022.
2. **Mr.D.Anand** “Ride sharing services using blockchain”, International Virtual Conference On Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2022), Velammal Institute Of Technology, Chennai. 28 & 29 April 2022.
3. **Mrs.A. Meena** “Realtime air pollution monitoring”, 9th International conference on Emerging Trends in Engineering and Technology (ICETET’22), Pandian Saraswathi Yadav Engineering College, 29 & 30 th April 2022.
4. **Dr.P.S.Kumaresh** “Design and Development of Electronic Stick for blind with Panic Button Alert”, 9th International conference on Emerging Trends in Engineering and Technology (ICETET’22), Pandian Saraswathi Yadav Engineering College, 29 & 30 th April 2022.

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Mrs.T.R.Muthu AP(Sr.Gr)	Nanotechnology in Healthcare	PSG College of Technology	7 days 06.01.2022 to 12.01.2022
Mr.D.Anand AP2/ECE	Big Data Analytics and Visualization Tools	Mepco Schlenk Engineering College - Online	3 days 10.1.2022 to 12.1.2022
Mrs.A.Meena AP2/ECE	IP Awareness/Training Program under National Intellectual Property Awareness Mission	K.L.N college of Engineering Pottapalayam	11.02.2022

Name of the staff & Designation	Programme	Place	Date
Mr.D.Anand AP2/ECE	Embedded IOT	Government College of Engineering, Kannur	6 days 14.2.2022 to 19.2.2022
Mrs.T.Sugumari AP/ECE	Innovation Technique of 3D printing	Anna Poorna engineering college, Salem	16.02.2022
	Research Issues in Nano Antennas for Wireless Communication	Mepco Schlenk Engg College, Sivakasi	3 days 17.02.22 to 19.02.22
	Channel Engg in InP based HEMT for THz Applications	KPR Institute of Engg & technology, Coimbatore	18.03.2022
	Disruptive Technologies in Communication	Sri Sai Ram institute of Technology, Chennai	2 days 30.3.2022 to 31.03.2022

NPTEL online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Dr.B.Buvaneswari ASP	Introduction to Machine Learning	NPTEL :	Jan 2022 - Mar 2022	Elite
Mrs.Amudha M AP(Sr.Gr) / ECE	Microprocessors And Microcontrollers	Jan – Oct 2022	IIT Roorkee	Elite

Staff Achievements / Recognition / Honours

Name of the Staff & Designation	Name of the awards / achievements	Date
Dr. V. Kejalakshmi, HOD / ECE	NPTEL SPOC Award	January 2022
Dr.S.C.Sivaprakash Professor/ECE	Reviewer for the Journal Applied Computational Electromagnetics Society Springer Nature	January 2022
Dr.B.Buvaneswari, ASP/ECE	Conference Paper reviewer for the IEEE conference organized by Chitkara University (Punjab) CAMPUS Chandigarh - Patiala National Highway, Distt. Patiala -140401.	February 2022

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

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
05.01.22 to 30.01.22	Java Programming	Silicon Technology Mr.Rajendran	40	Dr.P.S.Kumaresh AP(SG) /ECE Mrs.T.Sugumari AP/ECE
19.03.22	Career guidance training in “Data Science and Cloud Computing Technology”	Mr.T.Muthuram Govindarasu, Indigenous Tech Private Limited, Bangalore	65	Dr. R. Jeyanthi, Prof./ECE Dr. P. Karpagavalli. ASP/ECE Mrs. T. Sugumari AP/ECE
04.04.22 to 08.04.22	Career development program on “Aptitude Training”	Expert from Connect Training Solutions (P) limited	72	Mr.S.R.Naresh, Assis.Prof/ECE Dr.P.S.Kumaresh, AP(SG) /ECE Mrs.T.Sugumari AP/ECE
04.04.22	Aptitude Training	Career Training Mr.Murali Thirunelveli	50	Mr.S.R.Naresh, Assis. Prof/ECE Dr.P.S.Kumaresh, AP(SG) /ECE Mrs.T.Sugumari AP/ECE
26.04.22 & 27.04.22	Electronics Circuit Innovation Design - Phase-I	Mrs.S.Indumathi, AP2/ECE Mrs.C.Sasirekha AP2/ECE Mrs.E.S.Shymala, Senior Lab Instructor/ECE Mrs.T.D.Preethi Mai, Lab Instructor/ECE	89	Mrs.S.Indumathi, AP2/ECE Mrs.C.Sasirekha AP2/ECE

Consultancy Work

Guest Lecture Delivered by Staff

- **Dr.V.Kejalakshmi** HOD/ECE QC-QEC Convener was acted as a resource person “ Guidelines to map PO5 to PO12 workshop” was held on 8.4.22 at KLN college of Engineering.



Guest Lecture Organized

Date	Topic / Title	Details of Resource persons	Number of participants	Year
22.02.2022	Advanced programming python	Mr.S.Sathis, Software Engineer	100	IV / III Students
14.03.2022	Career Opportunities in Core Industries	Mr.Aravind Ekanath Software Engineer	86	IV, III Students
15.03. 2022	Career Opportunities in Chainsys	Mr. Mohammed Farooq Software Engineer	30	IV, III Students
20.03.2022	General awareness about placement	Ms.Harini Associate Data Engineer,	95	IV, III Students
21.03.2022	Career opportunities for software development	Ms.Sindhu Bairavi Manager	56	IV, III Students
22.03.2022	Awareness about Internship	Mr.Abilash Founder	70	III Students

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

Name of the student	Year	Title of the event	Venue / Date	Prize won
R.Manivel pandian	III	Attended Webinar of Google Cloud Platform	All pro Trainings 15.01.22	Participated
M.Gopika	I	Participated in drawing competition for Celebrating world earth day organized by IIC of KLNCE	K.L.N College of Engineering Pottapalayam 20.04.22	Participated Participated
V.Jeyachandru	I			
M.Haryni	I			
J.Joel Joseph	I			
K.R.Ajay Kumar	I			
V.Juan Collins	I			
S.Divya Dharshika	I			
S.Suryaprakash	I			
G.V.AShwinskyaa	I			
A.R.Santhosh	I			
G.K.Vishnuram	I			
S.Raghavendran	I			
K.R.Premkumar	I			
J.Mohanapriya	I			
R.Mugeshwaran	I			
K.V.Arvind	I			
S.Dharma Mukesh	I			
R.K.Dinesh	I			
O.R.Arjun	I			
S.Srirampalaniyappan	I			
S.Anushaa umalakshmi	I			
M. Ajay kumar	III	Participation in ATHLON cricket	K.L.N College of Engineering Pottapalayam 26/04.22 to 28.04.22	First Prize
V. Sri Vageswari Gayatri	I	Anna University Chennai Inter Zonal – Inter Collegiate JUDO (WOMEN)	K.L.N College of Engineering Pottapalayam 26.05.2022 to 28.05.2022	Silver Medal
Ajay Ramesh	II III	State level CRICKET (MEN)	RL Institute of Management Kariyapatti. 26.05.2022 to 28.05.2022	Winners

NPTEL Online Certification Courses (Student)

Name of the Student	Year	Course Title	Course Duration	Course conducted by	Award
Karishma R	III	NPTEL-Enhancing Soft Skills and Personality	Jan – Apr 2022	IIT Roorkee	Elite+Silver
Latikaa Tejus J	III	NPTEL-Programming In Java	Jan – Apr 2022	IIT Roorkee	Elite+Silver
Vishwesh Ram KV	III	NPTEL-Problem Solving Through Programming In C	Jan – Apr 2022	IIT Roorkee	Elite
Aadithya M	III	NPTEL-Problem Solving Through Programming In C	Jan – Apr 2022	IIT Roorkee	Elite+Silver

Industrial Visits

Year / Sem	Date	Industry Visited
II	29.04.22	Reliance Jio Infocomm Ltd's Base station at Keeladi, Sivagangai District

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Mrs.N.Gajalakshmi. ASP/CSE	Problem Solving using Python Programming Lab Manual Preparation	National Institute of Technical Teachers Training and Research, Chennai (online)	21.02.2022 to 25.02.2022
Mrs.S.Maria Sobana AP2/CSE	Problem Solving using Python Programming Lab Manual Preparation	National Institute of Technical Teachers Training and Research, Chennai (online)	21.02.2022 to 25.02.2022
Ms.S.Sangamitra AP2/CSE	Problem Solving using Python Programming Lab Manual Preparation	National Institute of Technical Teachers Training and Research, Chennai (online)	21.02.2022 to 25.02.2022
Mrs.N.Gajalakshmi. ASP/CSE	Emerging Technologies	Jeppiaar Institute of Technology (Online)	28.02.2022 to 05.03.2022
Mrs.S.Maria Sobana AP2/CSE	Emerging Technologies	Jeppiaar Institute of Technology (Online)	28.02.2022 to 05.03.2022
Ms.S.Sangamitra AP2/CSE	Emerging Technologies	Jeppiaar Institute of Technology (Online)	28.02.2022 to 05.03.2022
Mrs.N.Gajalakshmi. ASP/CSE	Data Science and Machine Learning	New Horizon College of Engineering, Bangaluru(online)	07.03.2022 to 11.03.2022
Mrs.S.Maria Sobana AP2/CSE	Data Science and Machine Learning	New Horizon College of Engineering, Bangaluru(online)	07.03.2022 to 11.03.2022
Ms.S.Sangamitra AP2/CSE	Data Science and Machine Learning	New Horizon College of Engineering, Bangaluru(online)	07.03.2022 to 11.03.2022
Mrs.N.Gajalakshmi. ASP/CSE	InnovationTechniques of 3D Printing	IIC and Department of Mechanical Engineering,Annapoorna Engineering College	16.02.2022
Mrs.S.Maria Sobana AP2/CSE	InnovationTechniques of 3D Printing	IIC and Department of Mechanical Engineering,Annapoorna Engineering College	16.02.2022

Name of the staff & Designation	Programme	Place	Date
Ms.S.Sangamitra AP2/CSE	Innovation Techniques of 3D Printing	IIC and Department of Mechanical Engineering, Annapoorna Engineering College	16.02.2022
Mrs.N.Gajalakshmi. ASP/CSE	National Intellectual Property Rights Mission Awareness	Intellectual Property Office,India	11.02.2022
Mrs.S.Maria Sobana AP2/CSE	National Intellectual Property Rights Mission Awareness	Intellectual Property Office,India	11.02.2022
Ms.S.Sangamitra AP2/CSE	National Intellectual Property Rights Mission Awareness	Intellectual Property Office,India	11.02.2022
Mrs.N.Gajalakshmi. ASP/CSE	“Tamilnadu Student Innovator Contest” held under Thiagarajar College of Engineering, Madurai- Technology Business Incubator & IEDB EDII HUB@TCE at IDEATION CAMP	Thiagarajar College of Engineering, Technology & Business Incubator(TCE-TBI)	21.03.2022
Mrs.N.Gajalakshmi. ASP/CSE	MGNCRE-REDC-ODOP Workshop	Mahatma Gandhi National Council of Rural Education, online workshop	17.02.2022
Mrs.S.Maria Sobana AP2/CSE	MGNCRE-REDC-ODOP Workshop	Mahatma Gandhi National Council of Rural Education, online workshop	17.02.2022
Ms.S.Sangamitra AP2/CSE	MGNCRE-REDC-ODOP Workshop	Mahatma Gandhi National Council of Rural Education, online workshop	17.02.2022
Mrs.S.Maria Sobana AP2/CSE	Awareness/Training program under National Intellectual Property Awareness Mission	National IP awareness Mission	11.02.2022
Ms.S.Sangamitra AP2/CSE	Awareness/Training program under National Intellectual Property Awareness Mission	National IP awareness Mission	11.02.2022
Mrs.N.Gajalakshmi. ASP/CSE	IEEE Xplore	Online	10.03.2022
Mrs.S.Maria Sobana AP2/CSE	IEEE Xplore	Online	10.03.2022

Name of the staff & Designation	Programme	Place	Date
Ms.S.Sangamitra AP2/CSE	IEEE Xplore	Online	10.03.2022
Mrs.S.Gayathri AP/CSE	Webinar on Awareness on National Board of Accreditation	ISDE Academy India Private Limited, Ambattur, Chennai, Online webinar	30-03-2022
Mr.D.Pravin Kumar	Embedded IOT	Government college of Engg, Kannur, Kerala(Online)	14.02.2022 to 19.02.2022 6 days
Mr.D.Pravin Kumar	Training Program on National Intellectual Property Rights Mission Awareness	Intellectual Property Office, India	11.02.2022 1 day
Mr. Arul Selvan M	Solving Problems and Making Decision (Online FDP)	ICTACADEMY	21.02.2022 - 25.02.2022 5 days
Mr. D.Prabhu	Solving Problems and Making Decision (Online FDP)	ICTACADEMY	21.02.2022 - 25.02.2022 5 days
Dr.S.Subashini	Awareness/Training program under National Intellectual Property Awareness Mission	K.L.N College of Engineering(Virtual)	11.02.2022 1 day
Dr.S.Subashini	Innovation Techniques of 3D Printing	AnnaPoorana Engineering College (online mode)	16.02.2022 1 day
Dr.S.Subashini	Role of One District One Product (ODOP) approach in making India Self-reliant	Mahatma Gandhi National Council of Rural Education, online workshop	17.02.2022 1 day
Dr.S.Subashini	Problem Solving using Python Programming Lab Manual Preparation-FDP	National Institute of Technical Teachers Training and Research, Online Training	21.02.2022 to 25.02.2022 5 days
Dr.S.Subashini	Emerging Technologies	Jeppiar Institute of Technology (Online Mode)	28.02.2022 to 05.03.2022 6 days
Dr.S. Miruna Joe Amali	IT8601 – Computational Intelligence	University College of Engineering Nagercoil (online)	11.02.2022 to 17.02. 2022 6 days

Name of the staff & Designation	Programme	Place	Date
Dr.R.Lakshmi	Data Science and Machine Learning	New Horizon College of Engineering, Bangaluru (online)	07.03.2022 to 11.03.2022 5 days
Mrs.G. Rajeswari	Emerging Technologies	Jeppiar Institute of Technology (Online Mode)	28.02.2022 to 05.03.2022 5 days
Mrs.G. Rajeswari	IT8601 – Computational Intelligence	University College of Engineering Nagercoil(online)	11.02.2022 to 17.02. 2022 6 days
Mrs.R.Kirubahari	AICTE- FDP on Artificial intelligence and Machine learning	Guru jambheshwar university of science and technology,Hisar, Haryana	7.02.2022 to 12.02.2022 6 days
Mrs.S.Venkata Lakshmi	AICTE- FDP on Artificial intelligence and Machine learning	Guru jambheshwar university of science and technology,Hisar, Haryana	7.02.2022 to 12.02.2022 6 days
Mrs.V.karpagam	AICTE- FDP on Artificial intelligence and Machine learning	Guru jambheshwar university of science and technology,Hisar, Haryana	7.02.2022 to 12.02.2022 6 days
Mr.J.Sulthan Alikhan	AICTE- FDP on Artificial intelligence and Machine learning	Guru jambheshwar university of science and technology,Hisar, Haryana	7.02.2022 to 12.02.2022 6 days
Mrs.D.Thangamari	Problem Solving using Python Programming Lab Manual Preparation-FDP	National Institute of Technical Teachers Training and Research, Online Training	21.02.2022 to 25.02.2022 5 days

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

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
05.01.2022	TNSI	Mr.S.Gopinath,Field Coordinator, EDIL-IEDP Hub, TCE, Madurai	60	Mr.D.Pravin Kumar, ASP / CSE
08.02.2022	“Virtual Industrial VISIT”	Online	106	Mrs.N.Gajalakshmi, ASP / CSE & Mrs.S.Indumathi, AP / ECE
11.02.2022	National Intellectual Property Rights Mission	IPR, India	100	Mr.D.Pravin Kumar, ASP / CSE
15.02.2022	“Design Thinking”	online	104	Mrs.N.Gajalakshmi, ASP / CSE & Mr.M.Satheesh Kumar, AP/IT
17.02.2022	Workshop on " Role of ODOP in making India a self - Relient"	Mr. J. Sai Sudheer Kumar, Resource Person, MGNCRE	65 (53 Students & 12 Faculty Members)	Mr.D.Pravin Kumar, ASP / CSE & EDC Coordinator – KLNCE.
22.02.2022	Workshop on "Entrepreneurship skills, Attitude and Character Development"	Mr.K.R.Gnansambandan, Panel Chairman-Cluster Development, MADITSSIA, Madurai Mr.T.S. Ram Kumar, ASP/MBA.	100	Mr. D. Pravin Kumar, ASP / CSE & Mrs.N.Gajalakshmi, ASP / CE
08.03.2022	Virtual Power Seminar on “ Womens Empowerment”	Mr.Vijay Murali, Design Engineer Tavant	100	Mr.D.Prabhu, AP / CSE

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
21.03.2022	“Tamilnadu Student Innovator Contest”	Mr. Vishal Nair, Co-founder, Lightnsalt Private Limited	13 students & 5 teams	Mrs.N.Gajalakshmi, ASP / CSE & Mrs.C.Sasirekha
28.03.2022	Skill Development Program on “Solar Panel Installation and Servicing”	Shri. Vishnukumar Putta, B.E, MBA Director, V V Enterprises, Madurai	80	Mr.D.Pravin Kumar, ASP/CSE & EDC Coordinator-KLNCE.
23.4.2022	IIPC Sponsored "Personality Development Program"	Mr.Rozario Liyod, Freelancer	115	Mrs.R. Kirubahari, Mrs.S.Venkatalakshmi.
4.4.2022 - 8.4.2022	Technical skill enhancement program	Dr.P.Premkumar,ASP/CSE V.Karpagam, AP(sr.gr)/CSE J.Sulthan alikhan, AP(sr.gr)/CSE M.Arul selvan, AP/CSE S.Gayathri, AP/CSE, KLNCE	100	Dr.S. Miruna Joe Amali, R. Mrs.Kirubahari, Mrs.G. Rajeswari, Mrs.S. Venkatalakshmi.
22.04.2022	Android Technology	Mr.A.Sathish, Software Engineer HCL Technologies, Madurai.	80	Mr.J.Sulthan Ali Khan,AP(Sr.Gr)/CSE Mr.D.Prabhu,AP/CSE
25.04.2022	“Competency Development Programme on JAVA” on 25th April 2022 in Mechanical Seminar Hall @ 10.30am to 01.00pm for Second year CSE students.	Mr.R.K.Durgesh, Senior Project Engineer, Wipro Limited, Chennai	124	Mrs.N.Gajalakshmi, ASP/CSE
25.04.2022	IIPC sponsored “Competency Development Programme on JAVA”	Mr.R.K.Durgesh,Senior Project Engineer,Wipro Limited, Chennai	124	Mrs.N.Gajalakshmi, ASP/CSE

Consultancy Work

Name of the Staff & Designation	Topic of Consultancy Work	Date & Place
Mrs.N.Gajalakshmi, ASP/CSE Mr.J.Sulthan Ali Khan,AP(Sr.Gr)/CSE Mrs.S.Gayathri AP/CSE	Billing Software	15.03.2022 K.L.N. College of Engineering

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

Name of the student	Year	Title of the event	Venue / Date	Prize won
Shalini Devi M G	III	Course	GUVI Geek Networks 21.01.2022	Participated
Suriya P	III	Techie Talk 2022 – An International Project	Netenzaa Innovations Private Limited 21.01.2022 - 22.01.2022	Participated
Deepika A N	III	Skill Assessment	HackerRank 31.01.2022	Participated
Nanthitha Sri S A	I	Course	Sololearn 03.02.2022	Participated
Sai Venkatesh G	II	Techno Fest 2022 – Technical Symposium	Solamalai College of Engineering, Madurai 29 .04.2022	Participated
Sangaya G	II	Techno Fest 2022 – Technical Symposium	Solamalai College of Engineering, Madurai 29 .04.2022	Participated
Vishnukumar K G	II	Techno Fest 2022 – Technical Symposium	Solamalai College of Engineering, Madurai 29 .04.2022	Participated
Udhayakumar V R	II	Techno Fest 2022 – Technical Symposium	Solamalai College of Engineering, Madurai 29 .04.2022	Participated
Swedha S R	II	Techno Fest 2022 – Technical Symposium	Solamalai College of Engineering, Madurai 29 .04.2022	Participated

Name of the student	Year	Title of the event	Venue / Date	Prize won
Ramachandran M	II	Techno Fest 2022 – Technical Symposium	Solamalai College of Engineering, Madurai 29 .04.2022	Participated
Ramachandran M	II	Techno Fest 2022 – Technical Symposium	Solamalai College of Engineering, Madurai 29 .04.2022	Participated
Saakira J	II	Techno Fest 2022 – Technical Symposium	Solamalai College of Engineering, Madurai 29 .04.2022	Participated
Vidhya B P	II	Techno Fest 2022 – Technical Symposium	Solamalai College of Engineering, Madurai 29 .04.2022	Participated
Soundarya P G	II	Techno Fest 2022 – Technical Symposium	Solamalai College of Engineering, Madurai 29 .04.2022	Participated

Industrial Visits

Year / Sem	Date	Industry Visited
I Year 01	17.02.2022	Thiagarajar College of Engineering, Technology Business Incubator(TCE – TBI)

DEPARTMENT OF AUTOMOBILE ENGINEERING

NPTEL Online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Mr. G.S. Santha Venkatesh, AP	Manufacturing Guidelines for Product Design	Feb-April 2022	IIT Roorkee	Elite & Gold and 5% Topper

Staff Achievements / Recognition / Honours

Name of the Staff & Designation	Name of the awards / achievements	Date
Dr.R.M.Satheeshkumar, HOD/Au.Engg	Selected as special Invitee in the Executive Committee of Madurai Productivity Council, Madurai, in the year2022.	10.01.2022

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

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
16.02.22	Technical Festival - Case Study Competition for Industry Employees “ A Mantra for Self Reliance” (National Productivity Week Celebrations -2022 - Madurai Productivity Council)	Madurai Productivity Council, Madurai	74 Industry Peoples (TAFE, Ramco, TVS SRI Chakra, SRI Jeya Jothi, Thiayagaraja Mills, Grupo Antolin, Hitech Arai)	Dr.R.M. Satheesh Kumar, Prof & Head & Mr.N.Rajkumar, ASP,
29.03.22	Founder's Day Celebrations- 'Road Safety Awareness' Programme	Public peoples and Drivers	-	Dr.R.M.Satheesh kumar, Prof and Head Au.Engg Mr.L.Vivek krishnakumar AP(Sr.Gr.)/ Au.Engg

Guest Lecture Organized

Date	Topic / Title	Details of Resource persons	Number of participants	Year
14.02.2022	Expert Talk on How to start EV Business	Dr.M.Malaiyappan Director , PantechSolutions,Chennai	14	III Year Students
22.04.2022	Motivational Program for Third year Students "ZERO TO HERO" how to prepare for Government Exam	Mr.K.Shakthivel, Founder of pudiya Parvai Institution	330	All Dept. III Year Students

Industrial Visits

Year / Sem	Date	Industry Visited
III /V	13.02.2022	Danalakshmi Paper Mills Vilampatti, Nilakottai Taluk, Dindigul District



Case Study Competition for Industry Employees "A Mantra for Self Reliance", National Productivity Week Celebrations -2022 - Madurai Productivity Council, held on 16.02.2022.



Industrial Visit at Danalakshmi Paper Mills, Dindigul District, on 13.02.2022

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Publications in International / National Conference

1. S.Nagammai, S.Latha, D. Pradeepkannan, A.Umarani, S. Balamurugan , “Design of Fuzzy Sliding Mode Controller for an Interacting Conical tank System” International Virtual Conference on **Artificial Intelligence, 5G Communications and Network Technologies** to be held at Velammal Institute of Technology, Chennai on 28/4/22

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Dr.A.Umarani, Prof/EIE	Advanced pedagogy using smart tools	Online mode/KLNCE	21.01.22 to 28.01.22
Mr.P.Ravikumar, ASP/EIE	Science and Technology Capacity Building for Industrial Needs	KLNCE	17.03.22 to 19.03.22

NPTEL Online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Prof.S.Nagammai, HOD/EIE	Introduction to Machine Learning (Tamil) NPTEL	Jan-Feb 2022	Online – IIT Madras	Course completed
Dr.D.Pradeepkannan, Prof / EIE	Introduction to Machine Learning (Tamil) NPTEL Course	Jan-Feb 2022	Online – IIT Madras	Course completed
Dr.S.Balamurugan, AP (SG) / EIE	Introduction to Machine Learning (Tamil) NPTEL	Jan-Feb 2022	Online – IIT Madras	Course completed

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

Date	Topic / Title	Number of participants	Name of the Resource person	Venue
05.01.2022	“Health Awareness”	Teaching staff (45)	Dr.Suganthi, Health Care Centre/KLNCE	System design lab
09.04.2022	Exploring C++	III Year EIE (23 Students)	Ms.Chitra Singaram, Software Engineer, Sense forthai, Bangalore	System design lab

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

Name of the student	Year	Title of the event	Venue / Date	Prize won
Aslam Javith B, Sanjay Visal P K, Somasundaram @ Gokul G, Vasudevan J	III	Five Day Value Added Course on “ Embedded System and Controller Application ” in association with Shubham Solutions, Madurai	K.L.N.C.E / 07.03.22 - 11.03.22	-

Internship (Student)

Company Name: Prowess Automation, Anna Nagar, Madurai

Sl.No.	Roll No.	Reg.No	Name
1.	197902	910619107302	S.Vidhya

DEPARTMENT OF INFORMATION TECHNOLOGY

NPTEL Online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Mr.A.Selvaraj, AP(Sr.Gr)	Advanced Computer Architecture	Jan-Apr 2022	IIT Roorkee	Elite & Silver

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/ IET/ ISTE etc.)/Self Support
1.	Mr.A.Selvaraj, AP(sr.Gr)/IT	Recent trends and Challenges in AI, IoT and Blockchain	09.02.2022 to 18.02.2022	Easwari Engineering College
2.	Mrs.S.Vijayasharmila, AP/IT	IoT Technologies and Analytics	18.01.2022 to 24.01.2022	AICTE Anna University, Chennai.
3.	Ms.N.Mutahmil Selvi, AP/IT	Short term training Program on “ Information Security”	06.01.2022 to 12.01.2022	AICTE Anna University, Chennai.
4.	Ms.RM.Suganya, AP/IT	Short term training Program on “ Recent trends on Data Science	03.01.2022 to 08.01.2022	AICTE Anna University, Chennai.
5.	Ms.RM.Suganya, AP/IT	IoT Technologies and Analytics	18.01.2022 to 24.01.2022	AICTE Anna University, Chennai.
6.	Mrs.N.Logamithra, AP/IT	IoT Technologies and Analytics	18.01.2022 to 24.01.2022	AICTE Anna University, Chennai.
7.	Mrs.N.Logamithra, AP/IT	Short term training Program on “ Information Security”	06.01.2022 to 12.01.2022	AICTE Anna University, Chennai.

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

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
04.04.2022 to 08.04.2022	Five Days Career Development program on “C Programming”	Mr.M.Sulthan Alavudeen – Free Lancer Mr.A.Sathish – Free Lancer, Livewire, Madurai.	80	Dr.S.Ramesh, ASP/IT Mr.V.Aravinda Rajan, AP/IT
26.04.2022	IIPC Sponsored Personality Development Programme on “Build Your Empire”	Mr.P.Thanika Vel Pandian, Founder & Director, Vision 20 Plus, Sivakasi.	80	Mr.V.aravinda Rajan, AP/IT Ms.S.Vijayasharmila, AP/IT

Funds Obtained From National Bodies / AU / Industry

- Mr.M.Satheesh Kumar,AP2 as Project Guide were granted a fund of Rs1,00,000 by **Tamil Nadu Student Innovators Programme 2021** by EDII-TN for a project entitled “Hello Friend” on 12.04.2022.

NPTEL Online Certification Courses (Student)

Name of the Student	Year	Course Title	Course duration	Course conducted by	Award
Aafrin Sulaiha A	II	Advanced Computer Architecture	Jan – Apr 2022	IIT Roorkee	Elite
Devadharshini M	II	Advanced Computer Architecture	Jan – Apr 2022	IIT Roorkee	Completed
Devadharshini V	II	Advanced Computer Architecture	Jan – Apr 2022	IIT Roorkee	Completed

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Quality Improvement Programs

Name and of the staff & Designation	Programme	Date	Venue
Mr.PL Subramanian., AP/MCA.,	EBSCO Information Services Online Training /webinar "IEEE Xplore" Organized by K.L.N. College of Engineering.	09.03.2022	Organized by K.L.N. College of Engineering

Expert Talk:

Date	Topic/Title	Details of resource person	No. of participants	Co-ordinator
23.03.2022	Awareness of FullStack Developer"	Mrs.T.Sindhu Bairavi., Technical Supporter, LiveWire-Madurai.	60	Mr.P.Ganesh Babu., AP/MCA.

DEPARTMENT OF MANAGEMENT STUDIES

Quality Improvement Programs

Name and Designation of the Staff	Seminar / Workshop /Course Attended	Date / Venue
B.Shanthi AP(SG)	E- Commerce and Cyber Security in Recent Era Two days National Level Seminar	27.4.22 to 28.4.22 / PPG College of Arts Science, Coimbatore
M.Krishnaveni AP	Basic Statistical Analysis and its Interpretation using SPSS International online workshop	9.4.22 to 11.4.22 / Global Institute of Statistical Solution (GISS)
B.Shanthi AP(SG)	Writing Research Funding Proposal and Patent filing in English Language and Literature One day National Workshop	26.02.22 / KPR College of Arts Science and Research, Coimbatore
Dr.K.S.Hariharan AP	Innovation Technique of 3D Printing One day Webinar	16.02.22 /Annapoorna Engineering College, Salem
M.Krishnaveni AP	Data Analysis using Business Excel International Online Workshop	01.02.22 to 03.02.22/ Global Institute of Statistical Solution (GISS)
M.Krishnaveni AP	Art of Drafting Literature Review for Social Science Research National Level Online Workshop	22.01.22/Kongu Business School, Perundurai

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	18.12.2021 to 03.01.2022 23.02.2022 to 04.03.2022 25.04.2022 to 27.04.2022 29.03.2022 to 18.04.2022 21.03.2022 to 25.03.2022

Guest Lectures Delivered by Staff :

Date	Topic	Venue	Staff Name
12.02.2022	Marketing and Hazards / risk management: Introduction to Risk & Conflict, Causes of Conflict in Various enterprises, Managing Risk & Conflict	VAPS – Training Institute , Chokkikulam, Madurai	Dr.T.Jothimurugan
30.03.2022	SPSS Tools and its function	ELYSIUM Groups	Dr.T.Jothimurugan Dr.R.S.Balasenthil

Guest Lectures

Date	Topic / Title	Year	Details of Resource Person
23.04.2022	Expert Talk on “Emerging Trends in Marketing”	I Yr (60 Students)	Dr.N.Manjula Ganesh Kumar, Professor TSM Madurai
31.03.2022	Expert Talk on “Strategies for Business”	II Yr (25 Students)	Dr.K.S.Hariharan
17.02.2022	Expert Talk on Workshop on “One District One Product” (I Yr (60 Students)	Mr.J.SaiSudheer Kumar EDP Cell- Mahatma Gandhi National Council
11.01.2022	“Intellectual Property Rights” (Online mode)	I Yr (60 Students)	Dr.S.JeyaraniDanapal, ASP American College, Madurai
08.01.2022	Competency Development Program (Online mode) “Tax Planning”	I Yr (60 Students)	Mr.Baskar, Leading Auditor, Madurai
04.01.2022	Expert Talk on “Cyber Crime and Cyber Security Act”	I Yr (60 Students)	Mr.R.Somaskandan ASP/MCA KLNCE

DEPARTMENT OF MATHEMATICS

Quality Improvement Programs

Name of the staff & Designation	Programme	Place	Date
Dr.R.Selvarani ASP2/Maths	Two day ONLINE workshop on “An Insight into Mathematical Modelling in information and Communication Engineering – Version 2”	Department of Computer science and Engineering & Department of Mathematics	27.02.2022 28.02.2022
Mrs.R.Kalaiselvi AP/Maths	Two day ONLINE workshop on “An Insight into Mathematical Modelling in information and Communication Engineering – Version 2”	Department of Computer science and Engineering & Department of Mathematics	27.02.2022 28.02.2022
Mrs.M.NancyFemila AP/Maths	Two day ONLINE workshop on “An Insight into Mathematical Modelling in information and Communication Engineering – Version 2”	Department of Computer science and Engineering & Department of Mathematics	27.02.2022 28.02.2022
Mrs.K.Sathyabama AP/Maths	Two day ONLINE workshop on “An Insight into Mathematical Modelling in information and Communication Engineering – Version 2”	Department of Computer science and Engineering & Department of Mathematics	27.02.2022 28.02.2022

NPTEL Online Certification Courses (Staff)

Name of the Staff & Designation	Course Title	Course duration	Course conducted by	Award
Mrs.R.Usha,AP2	Engineering Mathematics-II	Jan-Apr 2022	IIT Kharagpur	Elite

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

Date	Topic / Title	Details of Resource persons	Number of participants	Co-ordinator
08.01.2022	Founder’s day Celebration – Online Quiz Competition	---	103 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.R.Usha, AP2/ Maths Mr.G.Pushparajan, AP2/ Maths Mrs.M.Jeyalakshmi, AP2/ Maths Mr.V.Anath AP2/

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

Name of the Student	Year	Title of the event	Venue/Date	Prize Won
M. Harini	I	Drawing competition on “Scientist and their innovations” - National Science Day & IIC	K.L.N.C.E/ 18.02.2022	I
M. Jai philbert	I			II
T. Priyadharshini	I			III
M.Madhumidhra R.Mariselvi M.Shahina parveen	I	Scientific Models contest- TECHNOZARE-2K22- KLNCESHA &IIPC	K.L.N.C.E/ 28.02.2022	I
M.Vishal J.Vignesh A.P.Srishasti	I			II
S.Sundareswaran S.Dhamodharan	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 Asp1/physics	Numerical characterization of 1d-photonic crystal waveguide for female reproductive hormones sensing applications	Physica b: physics of condensed matter
	Refractive index ev sensor based on conventional and mirror image 1d defective photonic crystal designs: theoretical study	Journal of computational electronics
	Human teeth disease detection using refractive index based surface plasmon resonance biosensor	Coatings
	Assimilation of manganese metal ion doped Hydroxyapatite by co-precipitation technique	Journal of the indian chemical society

Quality Improvement Programs

Name and Designation of the Staff	Seminar / Workshop /Course Attended	Date / Venue
Dr.R.Geetha	Role of Physics in climate change	24.01.2022, SIT
	Indo-Norwegian International online conference 'Functional materials for energy, environment and biomedical applications (FARAON-2022)'	02-04, February 2022 Madurai Kamaraj University
	The 6 day National level Online Faculty Development Program on 'Outcome Based Education'	25 April 2022 to 30 April 2022, Hyderabad
M.Manjula devi	Role of Physics in climate change	24.01.2022, SIT
	Indo-Norwegian International online conference 'Functional materials for energy, environment and biomedical applications (FARAON-2022)'	02-04, February 2022 Madurai Kamaraj University
	An International webinar on Emerging Materials	23.02.2022, SIT
	The 6 day National level Online Faculty Development Program on 'Outcome Based Education'	25 April 2022 to 30 April 2022, Hyderabad