

நல்கவே என்னல் வேன்டுப் என்னிய முழநல் வேன்டும்



K.L.N. COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

PUBLICATION IN NATIONAL / INTERNATIONAL JOURNAL / CONFERENCE

NAME AND DESIGNATION OF THE STAFF	TITLE OF THE PAPER	VOLUME / PERIOD / NAME OF THE JOURNAL	
Dr. M.R. Thansekhar Mrs.C.Anburmeenakshi Mr.M.Satheeshkumar	Experimental Investigation of Heat Transfer in coated Micro channels for MEMS Applications	Name of the Journal: Applied Mechanics and Materials, Year-2015. Vols. 813-814 (2015) pp 782-786	
Mr.D.SateeshPandian	Design For Reliability Of PLC Based Pneumatic Operated Pick And Place Robot By Considering The Mechanical Properties And Factor Of Safety - A Case Study.	International journal of applied engineering research Vol No:10 ISSN 0973-4562	

	Date		Details of Resource persons	Participants	Staff incharge
1	6.11.15	Role of Dr.B.R.Ambedkar in framing The Indian constitution	Prof. Sarah Evangeline Fatima College of Engineering	I Year Students	Dr.S.Balasubramanian Prof/Mech
2	26.11.15 & 28.11.15	Three Day FDP on "CMM – Hands on Training	Mr.Mohan, Electronica Machine tools Ltd.	10 Staffs	Mr.R.Ashokkumar AP(SG)/Mech

SHORT TERM COURSES /SEMINAR / SYMPOSIUM ATTENDED BY THE STAFF

NAME AND DESIGNATION OF THE STAFF	SEMINAR / WORKSHOP/ COURSE ATTENDED	DATE / PLACE
Mrs.C.Anbumeenakshi Mrs.S.Porselvi	Faculty Development training Programme on "Brake Friction Materials-Past, Present and future"	5.11.15 & 6.11.15 NIT Trichy
Dr.P.Udhayakumar HOD/mech	NI Days 2015	19.11.15 National Instruments, Bangalore
Mr.N.B.KarthickBabu Mr.M.Satheeskumar	One week FDP on "Digital Prototyping using AutoCAD Inventor 2015"	23.11.15 to 27.11.15 St.Xavier's Catholic College of Engineering, Nagercoil.
Mrs.C.Anbumeenakshi	One Week FDP on "ME 64003-Engineering Materials and Metallurgy	23.11.15 to 29.11.15 PSNA College of Engg&Tech Dindigul.
K.K Arunvignesh Mr.R.Pandiyarajan	Three Days FDP on "Coordinate measuring Machine" Hands on Training	26.11.15 to 28.11.15 KLNCE
Mrs.A.Hemalatha	One Week FDP on "Production Planning and Control "	27.11.15 to 3.12.15 Anna University, Chennai
Mr.K.J.Nagarajan	One Week Anna University Chennai Sponsored FDP on "Thermal Engineering"	30.11.15 to 06.12.15 University college of engineering Anna university Ramanathapuram Campus
Dr.P.Udhayakumar HOD/Mech	Outcome based NBA	3.12.15 Anna university, Chennai

STUDENTS TECHNICAL ASSOCIATIONS / PARTICIPATION ELSEWHERE:

NAME OF THE STUDENT	YEAR	Title of Event	DATE/PLACE
G. Jeyachandran R. Naveen Kumar C. Deepak Raj D. Daniel Irudhayaraj K. Nagarjun M. Jeevanantham R. Rajan	IV Year	AU, CUIC &Renault Nissan Technology & Business Centre India Private Limited jointly organizing Two weeks training programme on Employability Skill Enhancement in Mechanical Engg. Sciences	5.10.15 to 16.10.15 Anna University Chennai

GUEST LECTURES/ SPECIAL PROGRAMME ATTENDED BY STAFF:

NAME AND DESIG INATION OF THE STAFF	DATE	GUEST LECTURE DELIVERED TOPIC	DETAILS
Dr.P.Udhayakumar HOD/Mech	6.12.15		Sethu Institute of Technology during 30th Nov - 6th Dec 2015.

Name of the Staff and students	Title of the	Provisional Patent	Name of funding
	Project	amount	agency
Mr.S.Nalitahmbi AP/Mech Mr.R.Manikandan AP/Mech K.S.Deepaklal K.Nagarjun N.NagaArjun	Heat transfer Enhancement in Internal combustion engine radiator by using Heat pipes with Nano fluid	Rs.1760/-	IIPC by KLNCE

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Staff publications in Journal / Conferences:

Name and designation of the staff	Title of the paper	
Prof.S.Nagammai, HOD/EIE	Design of Full State-feedback Controller for Implementation on a Coupled Tank Process" Journal of Instrumentation Technology & Innovation, ISSN: 2249-4731(online), ISSN: 2347-7261(print) Volume 5, Issue 3	
Dr.A.Umarani, Prof/EIE Mrs.N.Vishnu Devi, AP2/EIE	A Novel Approach of Fuzzy Logic Based Edge Detection for Coronary Anglogram Using Virtual Instrumentation, Volume 3, Issue 10, IPASJ International Journal of Information Technology(IIJIT)	
Mr.R.Naveeth Kumar, AP2/EIE	Presented a Paper entitled "Enhancement of Coronary Artery Blood Vessels Using Digital Subtraction Anglographic Technique" In IEEE Sponsored Online International Conference on Green Engineering & Technologies	

Any other details of Importance:

Award of Ph.D : Dr. A. Umarani & Dr. D. Pradcopicannan has been awarded Ph.D degree by Anna University, Channal.







One day Industrial Visit to "Kudankulam Nuclear Power Plant" with III yr students on 23/10.15.

Short term courses / Seminar / Symposium attended by Staff:

Name of the staff Coordinator	Seminar / workshop / course Attended	Date	Location	
	Participated in Capacity building program on Business Incubation	3/12/2015 4/12/2015	PSG tech, Colmbatore	
Dr.D.PradeepKannan, ASP / EIE	NI LabVIEW academy Award on behalf of the institute.	19/11/2015	Leela palace Bangalore	
ASP/EIE	Submitted a proposal to MSME NewDelhi towards obtaining financial support from MSME to establish Business incubation	7/12/2015	KLNCE	
Mr.V.Aravindarajan, AP2/EIE	Attended One day Workshop on IPv6 for Enterprises in association with nIXI	19/11/2015	C-DAC Bangalore	
Prof.S.Nagammai, HOD/EIE Ms.K.Dhanalakshmi, AP2/EIE	One Day workshop on ' Engineering Mathematics through MATLAB'	06.11.2015	KLNCE	
Mr.N.S.SRINIVASAN AP/EIE	Attended Seven days Workshop on TEQIP- PHASE II Sponsored "Semiconductor Devices: Theory &	30.11.2015 06.12.2015	TCE	

Department of .CHEMISTRY

SHORT TERM COURSES / SEMINARS / SYMPOSIUM ATTENDED BY STAFF

NAME AND DESIGNATION OF THE STAFF	SEMINAR / WORKSHOP / COURSE ATTENDED	Date	Location
Mrs. G.J. Deeparani, Ms. E. Rajalakshmi, Mrs. G. Revathy	National Conference on "Bio Medicinal Chemistry"	21.12.2015 & 22.12.2015	Madurai Kamaraj University, Madurai
Mr. T.D. KishoriLal, Mr. K. AyyamPandi	International conference of "Nano Materials for Energy (ICNEECS)"	11.12.2015 & 12.12.2015	Madurai Karnaraj University, Madurai

Name of the Department: Mathematics

Staff Publications in Journal:

Date	Name of the conference/ Journal / Venue	Title of the paper presented	Name of the Staff	
26.02.16 to 27.02.16	National Conference on Recent Trends in Mathematical and its Applications at SRM University	Edge Crossing Matrix 0973-1768,Vol(12)-2016	Mrs. R.Selvarani / ASP	

Short term courses/Seminar/FDP/Workshop attended by Staff: Three staff members

S.No.	Dates	Topic &Venue	Details of Resource persons	Staff attended
1.	28.11.15	Statistical Data processing using Excel & R- Software	Dr. V. Gnanaraj, ASP Thiagarajar college of Engineering	Dr. M. Devarajan
2.	26.02.16 to 27.02.16	National Conference on Recent Trends in Mathematical and its Applications at SRM University	Edge Crossing Matrix	Mrs. R.Selvarani / ASP

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

Date	Topic	Details of Resource persons	Participants
06.11.15	Engineering Mathematics Through MAT LAB	Dr. M. Kaliyappan, Associate Professor School of Advanced sciences, VIT, Chennai	60

In connection with **ODYSSEY** – Math's Club, the department of Mathematics conducted various activities like Aptitude class, Puzzle Solving, Creation of Math Model, Gate Coaching Class, Mock Interview for II year B.E.J.B.Tech students and Aptitude Class, Quiz Contest, Technical Paper Presentation event for I year B.E.J.B.Tech students

Various Competitions conducted for I Year student members.

Date	Event Title	Topic
25.09.15	Paper Presentation	Applications of Matrices in Engineering. Real life applications of Calculus in Engineering. 3.Why mathematics is Importance in Engineering 4. Any other application of Mathematics in Engineering.

Quiz Contest – Various Schools Students participated on 07.01.2016

participated on o'horizoro
Name of the School
V.H.N. Higher Sec. School, Madurai
Sri SaradhaVidhyavanam Higher Sec School, Madurai
M.C. Higher Sec. School, Madurai
Xavier Matriculation Higher Sec. School, Madurai

inaugural function of KLNCESH Awasheld on 10.02.2016 Dr. S. Jeyabharathi, Associate Professor, DeptofMathematics, Thiagarajar College of Engineering, Madural delivered a Guest Lecture on "APPLICATIONS of MATHEMATICS IN ENGINEERING"

Events organized: Founder's day Celebration

To create an awareness to the plus one students about the importance of higher secondary Mathematics in Engineering, a Handout was prepared and quiz contest was conducted for various Higher secondary school students by the Department of Mathematics on 07.01.2016 (Thursday) in IBM Hallat 10.00 am.





Department of Computer Science Engineering SHORT TERM COURSES / SEMINAR / WORKSHOP ATTENDED STAFF

NAME OF THE STAFF	SEMINAR / WORKSHOP / COURSE ATTENDED	DATE	LOCATION
P. Velvizhi	FDTP on "Mobile Computing (IT6601)"	16-11-15 to	PSNA College
S. Venkatalakshmi		21-11-15	Dindugal
G. Prem Paul	ICTACT Academy of Tamil Nadu	19.10.15-	NSN COLLEGE
	Training on "IBM BLUMIX"	20.10.15	of Engg. Karur
P. Prem Kumar	FDP on "Skills in Product Design"	23.11.15 - 27.11.15	A.C TECH, Karalkudi
J. Sulthan All Khan B. ChandranSekaran R. AnadhaMurugan	FDP on "Data Center Virtualization Fundamentals"	24.11.15 - 26.11.15	SIT, Karlapatti
P.Dinesh Kumar	ICTACT training on	22.12.15 -	PET Engg
	"PHP-SQL"	23.12.15	College, Valilyor

EVENTS ORGANIZED BY THE DEPARTMENT

NAME AND DESIGNATION	EVENT	RESOURCE PERSON/	DATE
OF THE STAFF	ORGANIZED	CHIEF GUEST	
J.Sultan Ali Khan	ICTACT training on	Mr.Charles	22.12.15 -
R.AnandhaMurugan	"PHP-SQL"	ICTACT- Chennai	23.12.15

EVENTS ORGANIZED BY THE DEPARTMENT

NAME AND DESIGNATION	DATE	Topic delivered / Event(Conf/Sym) /	Venue /
OF THE STAFF		Title of the paper reviewed	Journal
D.Prabhu P.Dinesh Kumar G.Prem Paul	31.12.2015	Founders Day Celebration Programme "Recent Trends in Computer Science"	A.C Higher sec School Govt Higher Sec School, SS Kottai

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING STAFF PUBLICATIONS IN INTERNATIONAL CONFERENCE

1	Prof.S.C.Sivaprakash Prof/ECE	Bandwidth Enhancement of Coupled Line Power Divider Using Metamaterial	International conference on modeling simulation and control at Karpagam college of engineering, Coimbatore	October 2015
2	Mrs.T.R.Muthu AP(Sr.Gr)/ECE	Broadband analysis of novel integrated antenna for cognitive radio applications	IEEE sposered online international conference on green engineering and technologies at Karpagam college of engineering ,coimbatore	27 /11/15
3	Mrs.S.Angeline grace stella ASP/ECE	Maximum power generation in AC photovoltaic modules.	IEEE sposered online international conference on green engineering and technologies. Carpagam college of engineering coimbatore	

Guest Lectures Delivered by Faculty

S.No.	Date	Topic delivered	Venue
1.	14/12/15	Discrete Time systems & signal processing Seven days Anna University sponsored FDP by Dr.V.Kejalakshmi,HOD/ECE	KLN College of Engineering EEE dept,Pottapalayam
2.	3/12/15	Seven Days FDTP on Linear Integrated circuits by Anna University Sponsered by Dr.V.Kejalakshmi,HOD/ECE	KLNCIT,Pottapalayam

Name and designation of staff.	Journal Title	Journal Name	Date
Dr.N.Janakiraman ASP1/ECE	Coarse Grained ADRES Based MIMO-OFDM Transceiver with New Radix-(2)^(5) Pipeline	Springer US Circuits, Systems, and Signal Processing	2015 December

1.	Mr.R.Mohankumar AP(SG)/ECE	23.11.15 to 27.11.15	TEQIP II sponsored course on Foundation skills in integrated product development (FSIPD)	Alagappachettiar college of Engineering, Karaikudi
2.	Mr.S.Ravishankar AP-2/ECE	30.11.15 to 06.12.15	AU sponsored FDTP on Linear Integrated Circuits	K.L.N.College of Engineering
3.	Dr.N.Janakiraman ASP1/ECE	21.12.15	Technical communication for scientists and Engineers	Online course by

STUDENTS ACHIEVEMENTS/AWARDS WON

Name of the Student	Name of the participating Event	Conducted at	Date	Awards
T.R.Srinath III Year ECE	Presented Project titled "TN- ANNOUNCE" in the district level competition for Development of Innovative e-Governance Software application	District e- Governance Society, District Collectorate, Sivaganaga	9/11/2015	WON III Prize

Name of the Department: PHYSICS

Staff Publications in Journal / Conferences:

Name and Designation of the Staff	Title of the paper	Place/Period/Name of the Journal/Date
Mrs.M.S.Revathy, AP2 Physics	Fabrication and characterization of SLG/Mo/CZTS/Cds/i-ZnO/Al:ZnO/Al thin film Solar cell device	Journal of Ovonic Research, vol.11, no.5,pp. 243-248. September 2015(Annexure I)

Guest Lectures / Special Programmesconducted :

Date	Topic/Title	Details of Resource Person
20/10/2015	IIPC (Technical Festival) – "Nanomaterials for energy and storage applications".	Dr. V. Gayathri Associate Professor, NMRL, Department of Physics Thiagarajar college of Engineering, Madural.

Short term courses / Seminar / Symposium attended by Staff:

Name and Designation of the Staff	Short term courses / Seminar / Symposium	Place/ /Date
Mr. N.R. Ramanujam Associate Professor	International Conference on Nanomaterials for Energy, Environment, Catallysts and Sensors, "Pressure Sensor based on Plasmon Resonance in Nanocomposite".	School of Chemistry, Madurai Kamaraj University/ 11th& 12th December 2015.
Mrs. V. Revathy, AP Physics	INCEEPS, "Synthesis and characterization of Copper-doped LiNbO3 Nanocomposite for Sensor Application",	Madurai Kamaraj University, Dec 2015

DEPARTMENT OF ENGLISH

No of short- term courses / Seminar/ Symposium attended by staff -

Date	Title of FDP/ SDP/ Seminar/ Workshop/ Symposium	Name and Designation of the Staff	Location
15.10.15	National Seminar on Vision India 2020:	P.PandiRajammal	Bharathidasan
&	Dr. A.P.J. Abdul Kalam's Dreams		Univeristy,
16.10.15	through Women		Trichy

Name of the Department: Department of Automobile Engineering

Short term courses/Seminar/Symposium attended by Staff

NAME AND DESIGNATION OF THE STAFF	SEMINAR WORKSHOP/ COURSE ATTENDED	Date	Location
Mr. R.V. Sureshbabu, ASP	A three day training program on " Bosch Diesel, Gasoline Injection System and Vehicle Diagnosis"	30.11.15 to 02.12.15	Bosch training centre, Bangalore.

Students Technical Participation

NAME	YEAR	TITLE OF EVENT	LOCATION	PRIZE WON
25 Students from III year	III year	A three day training Program on " Bosch Diesel, Gasoline Injection System and Vehicle Diagnosis"	Held on 30.11.15 to 02.12.15 at Bosch training centre, Bangalore.	1

Name of the Department: MCA

Short term courses/Seminar/Symposium attended by Staff:

NAME AND DESIGNATION OF THE STAFF	SEMINAR WORKSHOP/COURSE ATTENDED /SYMPOSIUM	Date/Place	Location
Dr. N.RaviaShabnamParveen, AP (SG) / MCA Mrs. A. Anbuselvi, AP / MCA Mrs. R.BabyMunirathinam, AP / MCA	Attended IBM Sponsored One Day Workshop on "Cognitive Cloud Computing"	13-11-2015	Thiagarajar college of Engineering, Madurai
Dr. N.RaviaShabnamParveen, AP (SG) / MCA Mrs. A. Anbuselvi, AP / MCA	Attended Six days Workshop on 1D and 2D Processing using MATLAB and GUI	14-12-2015 To 19-02-2015	Kamaraj College of Engineering and Technology, Virudhunagar
R.SomasKandan ASP/MCA	Attended IBM Academic Initiative Sponsored workshop on "Cognitive Cloud Computing"	13-11-2015	Thiagarajar college of Engineering, Madurai.

Short term courses/Seminar/Symposium organized by the Department:

NAME AND DESIGNATION OF THE STAFF	SEMINAR WORKSHOP/COURSE ATTENDED /SYMPOSIUM	Date/Place	Location
Mr.C.AshokBaburaj, ASP /MCA Dr. N. RaviaShabnamParveen, AP(SG) / MCA	One day workshop on ANGULAR JS AND NODE JS	08-10-2015	KLN College of Engineering
Mr.C.AshokBaburaj, ASP /MCA Dr. N. RaviaShabnamParveen, AP(SG) / MCA	One day workshop on SOFT SKILLS	09-10-2015	KLN College of Engineering
Mrs.M.S.CSujitha AP/MCA MrsP.Shyamala AP/MCA	Two day FDP on Data Mining Tools	30-09-15 & 01-10-15	KLN College of Engineering

Achievements of Staff / Recognition / Honors

NAME AND DESIGNATION OF THE STAFF			Location
Dr.A.Kannan, Professor/MCA	Acted Resource Person for Founder's Day Celebration and Delivered Guest Lecture on "Softskills" to the Students of various Schools organized by the Students Care Center, KLNCE		IBM Seminar Hall,KLNCE

Guest Lectures/Special programmes conducted:

DATE	TOPIC /TITLE	DETAILS OF RESOURCE PERSON	Place
06/11/15	Web Design & Web Development	MrsShalini Head/DreamZone, Madurai.	KLNCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Staff Publications in Journal / Conferences:

NAME AND DESIGNATION OF THE STAFF	TITLE OF THE PAPER	NAME OF THE CONFERENCE	VENUE	MONTH & YEAR
Dr.K.Gnanambal Prof/EEE	Maximum Power Generation in AC Photovoltaic Modules	International Conference on Green Engineering and Technology	Karpagam College of Engineering, Coimbatore.	Nov 2015

FUNDING OBTAINED FROM NATIONAL BODIES/AU/INDUSTRY

S.No	Name of the Faculty	Name of the Project	Funding Agency	Amount in Rs
1.	Dr.S.Venkatesan Prof/EEE	Intelligent based automatic wind mill tracking for maximum power generation	ARD, KLNCE	85,000

Staff Publications in Journal / Conferences:

NAME AND DESIGNATION OF THE STAFF	SEMINAR / WORKSHOP / COURSE ATTENDED	DATE / PLACE	
S.Manoharan C.MuthamilSelvi E.Jeyasri V.Sindhu R.Divya M. Baranilakshmi	Workshop on "PIC Microcontroller and its applications"	04.12.2015 & 05.12.2015, PSNA College of Engineering & Technology, Dindigul.	
M.Jeyamurugan S.Rajalingam	Workshop on " Internet of Things & Smart Home"	13.11.2015 & 14.11.2015, NIT, Tiruchirappalli.	
P.K.Arunkumar A.Manoj	TEQIP sponsored course on "Foundation Skills in Integrated Product Development (FSIPD)"	23.11.2015-27.11.2015, AlagappaChettiar college of Engineering & Technology, Karaikudi.	
K.R.Jeyavelumani R.Jeyapandiprathap	FDP on "MATLAB applications to Engineering Problems – MAEP'15"	14.10.2015 – 15.10.2015, Velammal College of Engineering and Technology, Madurai.	
M.Balamurugan	FDTP on "EE 6601- Solid State Drives"	30.11.2015 to 06.12.2015, Syed Ammal Engineering College, Ramanathapuram.	
J.Merlin	FDP on "EE 6602 – Embedded Systems"	22.12.2015 – 24.12.2015, Rajalakshmi Institute of Technology, Chennai.	

PUBLICATIONS IN INTERNATIONAL / NATIONAL CONFERENCE

S. No.	Name of Staff	Title of the paper	Month, Year	Name of the conference	Venue
1	Mrs.R.Sivapriya AP/IT	Linkage Based Data Collection With Route Mobile Sink in wireless Sensor Networks	27-11-2015 & 28-11-2015	Fourth International National Conference on Design and Application of structures, Drives communicational and Computing system	KLN College of Information Technology
2	Ms.S.Vijayashar mila AP/IT	" Particular Video Encryption By Means of XOR Technique"	27-11-2015& 28-11-2015	Fourth International National Conference on Design and Application of structures, Drives communicational and Computing system	KLN College of Information Technology

Department of Information Technology

S. No.	Name of Staff	Title of the paper	Volume, issue, Month, Year	Name of the Journal
1		A Frame Work for Energy Aware Provisioning in Cloud Data Center	ISSN NO:1991-8178, Pages 160-163, JULY 2015.AENSI PUBLISHER	Australian journal of Basic and Applied Sciences.
2	Dr. N.Balaji, HOD/IT	A Novel Approach for Resource Management in SLA based cloud Datacenter*	Anna University Annexure II.	International journal of Applied Engineering and Research,
3		Speculation Resource Provisioning in High Performance Computing	Anna University Annexure I	Kuwait Journal of Science and Engineering-
4		"Fuzzy based Secure Intrusion Detection System for Authentication in Wireless Sensor Network"	(In Press ISSN: 1546-1955 (Print): EISSN: 1546-1963 (Online) (Scopus Indexed) (IF:1.343)	Journal of Computational and Theoretical Nanoscience, American Scientific Publishers, United States of America, 2015
5	Dr.P. Ganeshkumar, Prof/IT	* Fault Tolerant Tree Management for Node Failures in Wireless Sensor Network*	Volume 11,Issue 4,2015.(ISSN:2040-745 9,Online:2040-7467) (Scopus Indexed) (IF:0.308)	Research Journal of Applied Sciences Engineering and Technology, Maxwell Scientific Publication Corp, United Kingdom
6		"A 8b 20MS/s 1.2V Digital Ramp Asynchronous SAR ADC using MTS Algorithm in0.13nm CMOS Process"	(ISSN: 0798-2259). (SCI Indexed)(IF:0.139)	Revistacientificafcv-luz, volxxv,no. 5, Venezuela, 2015

STAFF RECOGNITION/ HONORS - Faculty outside interaction

S. No.	NAME AND DESIGNATION OF THE STAFF	Date	Topic delivered / Event(Conf/Sym) / Title of the paper reviewed	Venue / Journal
1	N.Balaji, HOD/IT	16-11-2015	Anna University sponsored one week FDTP on "Mobile Application Development"	Organised by CSE Dept of PSNA College of Engineering and Technology, Dindigul.
2	Dr.P.Ganesh Kumar, Prof/IT	01-11-2015 to 30-12-2015	Consultancy Work	Senior Technical Consultant, Linyi Top Network Co Ltd, LinyiShandongProvience,China