



தலைநகரம் வளம் காக்கும் நோக்கம்:  
வளம் காப்பது முழுதும் நோக்கம்



**KLNCE**  
*Blossoms*

**K.L.N. COLLEGE OF ENGINEERING**



**ISSN 0974-259X**

**Flower : 14**

**Petal : 3**

**JULY 2016**

## DEPARTMENT OF MANAGEMENT STUDIES

### Staff Publications in Journal / Conferences :

Dr.T.Jothimurugan has presented a paper on "Financial Risk Analysis of Index Funds Vs Diversified Equity Funds" at BEAT'2016 organized by Department of Management Studies, PSNACET on April 29 2016.

Mr.K.S.Hariharan has presented a paper on "Human Resource Analytics & EHRM" at BEAT'2016 organized by Department of Management Studies, PSNACET on April 29 2016.

Soft skill Training was carried out at PTC, Madurai to the Postal Officials from 10<sup>th</sup> May 2016 to 25<sup>th</sup> June 2016 and funds were generated through these training sessions.

## DEPARTMENT OF AUTOMOBILE ENGINEERING

### 1. Staff Publications in Journal / Conferences

Name and designation of the staff	Title of the paper	Place/period/Name of The Journal
Dr.R.M. Satheeshkumar, Prof & Head Mr. S. Mohamed Jameen, AP	"Experimental investigation of performance on hybrid biodiesel in single cylinder Diesel Engine"	International Conference on "Innovations in Engineering and Technology"- ICIET'16 held at KLNCE during 06.04.16&07.04.16
N. Rajkumar,AP(SG) Dr.R.M.Satheesh Kumar, Prof & Head	"Cloud Computing for Green Supply Chain Management"	International Conference on "Innovations in Engineering and Technology"-ICIET'16 held at KLNCE during 06.04.16&07.04.16
Mr. J. Rajesh Babu, ASP	"Improving quality and productivity through reduction of high pressure fluctuation in tyre curing process"	International Conference on "Innovations in Engineering and Technology"-ICIET'16 held at KLNCE during 06.04.16&07.04.16
Mr.L. Vivekkrishnakumar, AP(Sr.Gr)	* Modeling and thermal analysis of exhaust manifold of a diesel engine by using Ansys*	Fifth National Conference on Design, Materials and Construction" NCDMC' 16 held on 29 & 30th April,2016

### 2. Short term courses/Seminar/Symposium attended by Staff

Name and Designation of the Staff	Seminar Workshop / Course Attended	Date	Location
Dr.R.M.Satheesh Kumar, Prof & Head	DST- SERB sponsored two days workshop on "Rapid Manufacturing and 3D printing	22.04.16 & 23.04.16	National Institute of Technology, Trichy
Mr.L. Vivekkrishnakumar, AP(Sr.Gr) Mr. G.S. SanthaVenkatesh, AP2	Three days Workshop on "Research Scope in Micro Engineering	28.04.16 to 30.04.16	National Institute of Technology, Trichy

Name and Designation of the Staff	Seminar/Workshop / Course Attended	Date	Location
Mr. N. Rajkumar, AP(SG)	Ten days course on " Quantitative Models for Supply Chain Management" Sponsored by MHRD	16.06.16 To 25.06.16	National Institute of Technology, Trichy

### 3.Short term courses/Seminar/Symposium organized by the Department

Date	Title	Details of Resource Person	Number of Participants
06.04.16 & 07.04.16	International Conference on "Innovations in Engineering and Technology"-ICIET'16	Dr. ArokiaswamiAlphones, Professor / School of Electrical and Electronic Engg. College of Engineering, NTU, Singapore	28 Paper
19.04.16	Logo of Student Productivity Club (SPC) Dr.R.M.Satheeshkumar, Prof & Head Mr.R. Vijayabalan, AP	Launched by Prof. J. Arul Doss Kanthiah, Former President Heavy Water Board, Prof. G. Subramanian, President of MPC	Students - 90 Staffs- 20
06.06.16 To 12.06.16	Seven days FDTP on "Automotive Electrical and Electronics systems (AT6502)" supported by Anna University, Chennai. Coordinators: Dr.R.M.Satheeshkumar, Prof & Head Mr.R.V.SureshBabu, ASP	External and Internal Faculties	15

### 5. Guest Lectures conducted

Date	Topic / Title	Details of Resource Person
19.04.16	Atomic Energy in Developing India	Prof. J. Arul Doss Kanthiah Former President Heavy Water Board.

### 6. Achievements of staff/ Recognition / Honors:

Dr. J. Rajesh Babucompleted Ph D Viva-Voce Examination on 29.06.2016



LOGO of Student Productivity Club (SPC)  
launched on 19.04.16

## DEPARTMENT OF MECHANICAL ENGINEERING

### 1. Publication in National / International journal / Conference International Journals

Name and designation of the staff	Title of the paper	Volume / Period / Name of the Journal
Dr. M.R. Thansekhar Professor /Mech Mr.R.Ashokkumar AP(SG)/Mech	Property Evaluation of friction stir welded Dissimilar metals: AA6101-T6 and AA1350 Aluminium Alloys in Material Science	ISSN :1392-1320 Online ISSN:2089-7289 Journal of Material Science

## 1. Publication in National / International journal / Conference International Journals

Name and designation of the staff	Title of the paper	Name of the Conference Date / Place
Dr. M.R. Thansekhar Professor /Mech Mr.P.Sabarinath ASP-I/Mech	Multi-Objective Design optimization of helical compression spring using Particle Swarm Optimization Algorithm.	International conference on Innovation of Engineering and Technology April 6th& 7th 2016 KLNCE
Dr. M.R. Thansekhar, Professor /Mech Mr.P.Sabarinath, ASP-I/Mech	Multi objective design optimization of flywheel using NSGA II and TOPSIS	
Dr. M.R. Thansekhar Professor /Mech Mrs .C.Anbumeenakshi AP (SG )/Mech	Experimental Analysis of heat transfer in locally Heated micro channel Heat sink	
Dr. M.R. Thansekhar Professor /Mech Mrs .C.Anbumeenakshi AP (SG )/Mech	Experimental Analysis of heat transfer in micro channel Heat sink	
Mr.G.R.Raghav AP/Mech	Tribological analysis of nickel based nano composite coatings	

## 6.Short Term Courses / Seminar / Symposium / Guest Lectures Organised

S.No.	Date	Topic	Detail Resource Person	Participants	Course Co-ordinator
1.	6.4.16	One Day seminar on Reverse Engineering & 3D Printing	Mr. E. Soundarapandian, Application Engineer CADD Centre, Madurai	58 Students	Dr.P.Udhayakumar HOD/Mech
1.	13.6.16 to 17.6.16	Five days workshop on "Autodesk Auto CAD '15"	J.Pasupathiraman Trainer-ICTACT,Chennai	36 Staffs	

## 6. Students Achievements / Awards Won :

Date	Name of the Student	Location	Year	Title of the Event	Prize Won
14.4.16 to 16.4.16	V.Palaniappan A.Pitchai M.K.Mohamed AshwaqHassan	NIT,Trichy	III	National Level Technical Symposium organized by the Department of Mechanical Engineering NIT ,Trichy	3rd Prize

## Guest Lectures / Special Programme attended by Staff :

Name of the Designation of the Staff	Date	Guest Lecture Delivered Topi	Details	Location
Dr.P.Udhayakumar HOD/Mech	26.4.16	Two Dimensional Vector Variable Problems and Iso Parametric Formulation of FEA	Delivered a Guest Lecture on the topic " Two Dimensional Vector Variable Problems and Iso Parametric Formulation of FEA " at RVS Educational Trust's Group of Institutions	RVS Educational Trust's Group of Institutions, Dindigul

## Faculty Industrial Visit

Date	Number of Faculties Participated	Name of the Industry
13-05-2016	37	Idhayam Oils Private Limited, Virudhunagar KAYCEE Plasto Pack, Virudhunagar Palani Industrial Corporation, Virudhunagar

## Outside world Interaction

Date	Name of the Faculty	Venue	Roles
20.06.2016	Mr.P.Sabarinath ASP-I/Mech	Sethu Institute of technology, KariapattiVirudhunagarDist	Attended fourth Board of studies meeting as an Expert member for framing the syllabus of mechanical Engineering course at sethu Institute of technology, kariapatti

## DEPARTMENT OF MCA

### 1. Staff Publications in Journal

Name and designation of the staff	Title of the paper	Name of the Journal / Period
Mrs.R. Baby Munirathinam, AP2/MCA	Packet Scheduling in Autonomous Mobile Mesh Networks	Advances in Natural and Applied Science, ISSN: 1995-0772 and EISSN: 1998-1090 which is published in Anna University Annexure II List.
Mrs.R.Kiruthika,AP2(M.C.A) Dr.A.Kannan, Prof (M.C.A)	Hybrid Technologies for Securing Crime Data Using Bit-Plane Slicing Algorithm.	IEEE digital Xplore.

### Staff Publications in Conferences.

Name and designation of the staff	Title of the paper	Name of the Conference / Period / Venue
Mrs.R.Kiruthika,AP2(M.C.A) Dr.A.Kannan, Prof (M.C.A)	Hybrid Technologies for Securing Crime Data Using Bit-Plane Slicing Algorithm.	5th IEEE International Conference on Communication and Signal Processing, Adhiparasakthi Engineering College, melmaruvathur, on 8th April 2016
R.BabyMunirathinam, AP2/MCA	Improving Energy Efficient Using Novel Sleep Scheduling Approach for Wireless networks	2nd International Conference on Innovations in Engineering and Technology (ICIET) - 2016 on 7.4.2016
R.BabyMunirathinam, AP2/MCA	Improving Energy Efficient Using Novel Sleep Scheduling Approach for Wireless networks	5th IEEE International Conference on Communication and Signal Processing, Adhiparasakthi Engineering College, melmaruvathur, on 8th April 2016

### 3. International Conference organized by the Department

Name and designation of the staff	Name of the Conference	Date / Place	Location
Dr.MR.Ilango, Director/MCA	International Conference on Innovations in Engineering and Technology (ICIET) - 2016	6.4.2016 to 7.4.2016	K.L.N.College of Engineering, Pottapalayam

### 4.Achievements of Staff / Recognition / Honors

Name and designation of the staff	Recognition	Date	Location
Dr.A.Kannan, Professor/MCA	Session Judge in the International Conference ICIET16	7.4.2016	K.L.N.College of Engineering, Pottapalayam

## DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

### Staff Publications in Journal / Conferences :

Name and designation of the staff	Title of the paper	Date
Prof.S.Nagammai HOD/EIE	Design of Digital Pole placement Controller for a Ball & Beam system Design of optimal Controllers for a Ball & Beam system	International Conference on Innovations in Engineering and Technology (ICIET) - 2016 April 2016
Prof.S.Nagammai, HOD/EIE Mrs.K.Dhamalakshmi AP2/EIE	Design of Fuzzy gain scheduled PI Controller for a nonlinear SISO Process Internal Model based Cascade Controller implementation for a jacketed CSTR process	
Prof.S.Nagammai HOD/EIE	Design of optimal controllers for a three tank process	Journal of Scientific & Innovative Research ISSN 2320-4818 Volume 2, Issue 2 May 2016

Dr.A.Uma Rani PROF/EIE	Segmentation Of Coronary Artery Blood Vessels Using Morphological Operators Automated Ration Dispenser Using Embedded System Diagnosis of Retinal Disease using ANFIS Classifier Segmentation Of Lung Structures with Fuzzy Clustering Algorithm	International Conference on Innovations in Engineering and Technology (ICIET) - 2016 April 2016
Mr.R.Naveeth Kumar AP2/EIE	Design of a smart home automation Using Virtual Instrumentation	International Journal of Research in Advent Technology, Vol.4, No.4, April 2016 E-ISSN : 2321-9637

### 3. a.Short term courses / Seminar / Symposium attended by Staff :

Name of the staff	Seminar / Workshop / Course Attended	Date	Location
Mr.V.Aravindarajan, AP2/EIE	"Internet of Things, Technologies, Protocols and Applications"	27.05.2016 28.05.2016	C - DAC Bangalore
Mr.S.Balamurugan, AP2/EIE Mr.K.Kalimuthu, AP2/EIE	"Design and testing of Electronic Circuits"	09.06.2016 11.06.2016	KLNCE
Mr.N.S.Srinivasan,AP2/EIE	Analog, MCU, Web-bench of connectivity	15.06.16 to 18.06.16	Texas Instruments at Mepco
Mrs.K.Dhanalakshmi, AP2/EIE Mrs.N. Vishnu Devi, AP2/EIE	FDP on Control Systems conducted by EEE Dept / KLNCE	11.05.2016 to 13.05.2016	KLNCE
Mr.V.Aravindarajan, AP2/EIE	"Internet of Things, Technologies, Protocols and Applications"	27.05.2016 28.05.2016	C - DAC Bangalore

### 3.b. Seminar /Lecture delivered by Staff:

Name of the staff	Topic delivered	Date	Location
Prof.S.Nagammai HOD/EIE	Electrostatics	06-06-2016	VCE&T, Madurai
	Introductory concepts of Control systems	04-06-2016	RIT, Rajapalayam
	Frequency response analysis	11-05-2016	EEE Dept, KLNCE
	Control system Engineering	22-04-2016	K.Ramakrishnan College of Engineering, Trichy
	Discrete time signals and signal processing	15-04-2016	K.Ramakrishnan College of Engineering, Trichy
Dr.D.PradeepKannan, Prof./EIE	Employers State Insurance Corporation - Communication skill training program for their front end employees.	30.05.2016 31.05.2016	ESIC, Trainingcentre, Madurai

### 4. Short term courses organized by the Department

Name of the Co ordinator	Title of the event	Date	Location	Name of the resource person/ Chief Guest
Prof.S.Nagammai, EIE/HOD Dr.A.Umarani, Prof./EIE Mr.R.Naveeth Kumar, AP2/EIE Mrs.N. Vishnu Devi, AP2/EIE	Design and Testing of Electronic Circuits	09.06.16 to 11.06.16	KLNCE	Prof.S.Nagammai Dr.D.PradeepKannan Mr.S.Rajalingam,AP/EEE [External faculty participants-9 Internal student participants-8]

Dr.D.PradeepKannan Prof./EIE	NI LabVIEW Academy	21.06.2016 to 02.07.2016	KLNCE	Jamserbasha&Satheesh,Application Engineer, VI solutions, Bangalore.
Mr. P. Ravikumar, AP2/EIE	5th ISOI student convention	01.04.2016	KLNCE	Dr.Alageswaran,Prof/CSE
Mr.K.Kalimutha, AP2/EIE Mr.N.S.Srinivasan,AP2/EIE	Paper presentation	29.04.2016	KLNCE	Dr.A.Umarani Prof./EIE

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### List of Papers Published in Conferences by Faculty:

S.No	Name of the Staff	Title	Journal Name	Publication Year
1.	1.Dr.A.V. Ramprasad, Principal/KLNCE 2.Karpagavalli.P, ASP/ECE,KLNCE	An adaptive hybrid GMM for multiple human detection in crowd scenario.	Multimedia Tools and Applications. (Springer),	Accepted in Multimedia Tools and Applications. (Springer), June 2016.
2.	1.Dr.A.V. Ramprasad, Principal/KLNCE 2.R.Mohan Kumar, AP(SG)/ECE	A Compact Trust Computation and Management Approach for Defending Against Derailed Attacks for Wireless Sensor Networks and Its Applications	Circuits and Systems journal .	Accepted in Circuits and Systems journal, May 2016.
1.	Mrs.R.Jeyanthi Prof/ECE	Relay selection and cooperative beam forming scheme for two hop multi relay amplify and forward networks	27-04-2016	International conference on Emerging Trends in Information and Commu- nication Technologies at Sethu Institute of Technology.
2.	Mrs.R.Jeyanthi Prof/ECE	Minimax robust AF relay selection and Novel beamforming scheme based on uncertain long-term CSI	31.3.2016 & 1.04.2016	TEQIPII-Sponsored a Two day international conference on Electrical, Electronics and communication at Alagappa chettiar college of engineering and technology Karaikudi.
3.	Dr.S.Murugan Prof/ECE	T-Slot loaded elliptical patch antenna for wireless applications	31.3.2016 & 1.04.2016	TEQIPII-Sponsored a Two day international conference on Electrical, Electronics and communication at Alagappa -chettiar college of engineering and technology Karaikudi.
4.	Mr.P.Senthilbabu ASP/ECE	Size reduction of UWB power divider using double tapered transmission line	31.3.2016 & 1.04.2016	TEQIPII-Sponsored a Two day international conference on Electrical, Electronics and communication at Alagappa -chettiar college of engineering and technology Karaikudi.
5.	Mr.S.R.Naresh ASP/ECE	Protecting anonymity of source location using permeability method in WSN	27-04-2016	International conference on Emerging Trends in Information and Communication Technologies at Sethu Institute of Technology.
6.	Karpagavalli.P, ASP/ECE	Activity classification in videos using classifiers.	27-04-2016	International conference on Emerging Trends in Information and Communication Technologies at Sethu Institute of Technology.

7.	K.R.Shanthi, AP(SG)/ECE	Wireless energy harvesting with optimal opportunistic relaying in a cognitive radio system.	27.04.2016	International conference on Emerging Trends in Information and Communication Technologies, at Sethu Institute of Technology.
8.	Dr.V.Kejalakshmi, HOD/ECE	Joint subcarrier pairing and power allocation in OFDM based Cooperative Cognitive radio network.	27.04.2016	International conference on Emerging Trends in Information and Communication Technologies at Sethu Institute of Technology.
9.	Mrs.T.R.Muthu AP(Sr.Gr)	Split ring resonator in UWB antenna with band matched characteristics	31.3.2016 & 1.04.2016	TEQIP-I-Sponsored a Two day international conference on Electrical, Electronics and communication at Alagappachettiar college of engineering and technology Karaikudi.

#### Short Term Courses / Seminar / symposium Attended By Staff

S.No	Name and designation of staff	Date	Seminar/Workshop/course attended	Location
1.	P.SenthilBabu	15.6.16 - 18.6.16	Analog,MCU,Webench & connectivity	Mepcoschlenk Engineering college jointly with Texas Instruments
2.	T.R.Muthu L.Meenakshi R.Arunchitra	6.6.16 -12.6.16	Electromagnetic field theory	Velammal College of Engineering & Technology
3.	A.Meena	6.6.16-13.6.16	Seven Days FDTF on Digital Image Processing IT6005(R-2013)	Kalasalingam Institute of Technology, Krishnankoil
4.	P.SenthilBabu S.SelvaKumar	23.5.16-29.5.16	Electronic circuits : theory and practice	Thiagarajar college of Engineering
5.	S.Indumathi	16.5.16-20.5.16	Building your own smart phone	National institute of technical teachers training & research & Indira Gandhi Delhi Technical University for Women with support from MICROSOFT & MHRD-DIC ,Chandigarh

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### Staff Publications in Journal / Conferences :

##### Publication in Journal:

Name and Designation of the Staff	Title of the Paper	Name of the Journal
P.Loganthurai, ASP/EEE	Evolutionary algorithms based optimum scheduling of processing units in rice industry to reduce peak demand	Energy ISSN : 0360-5442 Vol(107) issue 15 page 419-430
A.S.S.Murugan, ASP/EEE	Determining true harmonics contributions of sources using neural network	Neurocomputing ISSN : 0925-2312 (173)

##### Publication in National / International Conference :

Name and Designation of the Staff	Title of the Paper	Name of the Conference	Venue
Dr.S.M.Kannan, HOD/EEE	Low Voltage Ride through capability improvement of grid connected wind energy conversion system using STATCOM	International Conference on Energy Efficient Technologies for sustainability - ICEETS'16	St.Xavier catholic college of Engineering, Nagercoil
Dr.S.Venkatnarayanan Prof/EEE	MPPT for PV using coupled inductor SEPIC converter for standalone power system	International Conference on Energy Efficient Technologies for sustainability-IEECTS'16	St.Xavier catholic college of Engineering, Nagercoil.

**3. Short term courses / Seminar / FDP attended by Staff :**

Name and Designation of the Staff	Seminar / Workshop / Course Attended	Date / Place
Dr.S.Venkatanarayanan Prof/EEE	Attended the EMN Meeting on Membranes -2016 & Delivered Invited Talk on "Uncontaminated and Unpolluted Energy Conversion-Proton Exchange Membrane Fuel Cell with Static Power Electronics Conversion Devices"	05.04.2016 to 08.04.2016, Open -Access House of Science & Technology, Hotel Novotel World Trade Centre, Dubai, United Arab Emirates
S.Manoharan AP(Sr.Gr)/EEE	One week Full time course of Advanced Training in "Operation and Maintenance of Power Transformer"	17.05.2016-20.05.2016, Advanced Training Institute, CTI Campus, Guindy Industrial Estate, Chennai.
K.R.Jeyavelumani AP2/EEE	TEQIP-II Sponsored Workshop on "Utilization Techniques of Renewable Energy Sources	"06.06.2016 - 09.06.2016, National Institute of Technology, Tiruchirappalli.
S.Rajalingam AP2/EEE	Short term course on "Photovoltaic Module Interconnection Schemes and MPPT Implementation"	27.05.2016 & 28.05.2016, NIT, Tiruchirappalli.
R. JeyaRohini AP2/EEE	One Week FDP on "Electronic Circuits"	23.05.2016 - 29.05.2016, Thiagarajar College of Engineering, Madurai.
A.P.S.Ramalakshmi AP2/EEE	TEQIP-II Sponsored Workshop on "Utilization Techniques of Renewable Energy Sources"	06.06.2016 - 09.06.2016, National Institute of Technology, Tiruchirappalli.
R.Divya AP2/EEE	TEQIP-II Sponsored Workshop on "Utilization Techniques of Renewable Energy Sources"	06.06.2016 - 09.06.2016, National Institute of Technology, Tiruchirappalli.
M.Bharamilakshmi	AP2/EEETEQIP-II Sponsored Workshop on "Utilization Techniques of Renewable Energy Sources"	06.06.2016 - 09.06.2016, National Institute of Technology, Tiruchirappalli.

**5. Achievements of Staff / Recognition / Honors:**

Name and Designation of the Staff	Seminar / Workshop / Course Attended	Recognition	Date / Place
Dr. S.M. Kannan Prof&HOD/EEE	Delivered lecture on "Power Quality Issues in Power systems and Solutions"	Resource Person	04.05.2016 - 06.05.2016, Centre for skill development & Engineering consultancy, The Institution of Engineers(India), Himachal Pradesh, Shimla.
Dr.S.Parthasarathy Prof/EEE	Delivered Lecture on "Power Quality Issues in Power Systems and its solutions"	Resource Person	07.06.2016 & 08.06.2016, (WESCO UTILITY) Hindalco Industries Ltd., Hirakud, Odisha.
	Delivered Lecture in the Refresher course on "Advancements in Non-conventional and Renewable Energy Technologies (ANRET 2016)"	Resource Person	27.06.2016, College of Engineering & Management, Kolaghat, West Bengal.
	Delivered Guest Lecture on "How to prepare and Apply for Funding"	Resource Person	03.06.2016, Manakula Vinayagar Institute of Technology, Pondicherry.
	Delivered lecture on "Power Quality Issues in Power systems and Solutions"	Course Director & invited Speaker	04.05.2016 - 06.05.2016, Centre for skill development & Engineering consultancy, The Institution of Engineers(India), Himachal Pradesh, Shimla.
	Delivered Lecture on "Power Quality"	Resource Person	03.04.2016 & 04.04.2016, Central Power Research Institute (CPRI), Bengaluru.



# DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

## Staff Publication in Journals

S.No	Name and Designation of the Staff	Title of the Paper	Date	Journal
1.	Dr.N.LakshmiNarasimman HOD/CSE	Security Awareness of Mobile Application for Discovering Fraud Rank	June, 2016	International Journal of Computer Science and Information Technologies, Vol. 7, No. 3, pp : 1595-1599
2.	Dr. R. Alageswaram Professor/CSE	GELSenVAC : A Novel Sensor Network Framework for WSN Simulation	June, 2016	Asian Journal of Research in Social Sciences and Humanities, Vol. 6, Special Issue June 2016, pp : 342-359. (Updated list)
3.	M. Raghini AP(Sr-Gr)/CSE	Key establishment in wireless sensor network using dual key optimization (DKO)	June, 2016	Journal of Convergence Information Technology, Vol. 11, No. 3, pp : 103 - 114 (Annexure 2)
4.	R. DelshiHowsalya AP2/CSE	Effective Diagnosis of Heart Disease Using Inter Quartile Range Filter and Decision Tree Classifier	June, 2016	Middle-East Journal of Scientific Research, Vol. 24, No. (S1), pp. 374-381 (Annexure 2)
5.	Mr. P.Prem Kumar ASP/CSE	A Survey on Data Redundancy Check in a Hybrid Cloud by using Convergent Encryption	January, 2016	Indian Journal of Science and Technology, Vol. 9, No. 4, pp. 1 - 5
6.	T.R.Vedhavathy ASP/CSE	Pipeline Surveillance By Optimisation Of Relay Node Using Optical Sensor	May, 2016	International Journal of Innovative Research in Science Engineering and Technology, Vol. 5, No. 11, pp. 93 - 99
7.	R.Lakshmi ASP/CSE	Effective Lung Cancer Diagnosis : A Survey	February, 2016	Indian Journal of Science and Technology, Vol.9, No.8
8.	Dr.P.R. Vijayalakshmi Professor/CSE	Mobile Data Gathering With Load Balanced Clustering And Dual Data Uploading In Wireless Sensor Network	May, 2016	International Journal of Innovative Research in Science Engineering and Technology, Vol. 5, No. 11, pp. 100 - 106
9.	B.M.Nagarajan AP2/CSE	Caution System For Live Video Streaming	May, 2016	International Journal of Innovative Research in Science Engineering and Technology, Vol. 5, No. 11, pp. 79 - 84.
10.	Prem Paul. G AP2/CSE	Significant Data Retrieval with Adequate Privacy in Cloud Service Providers	May, 2016	International Journal of Innovative Research in Science Engineering and Technology, Vol. 5, No. 11, pp. 85 - 92.
11.	G.Saranya AP2/CSE	Parallel Implementation of Wound Image Analysis System for Diabetic Patient	May, 2016	International Journal of Innovative Research in Science Engineering and Technology, Vol. 5, No. 11, pp. 112 - 118.
12.	M. Raghini AP(Sr-Gr)/CSE	PTAP: Pair key based trust authentication protocol for authentication in wireless sensor networks	March, 2016	Journal of Computational and Theoretical Nano Science, Vol. 13, No. 3, pp. 1701-1708.

**Short Term Courses / Seminar / Workshop attended Staff**

Sl. No	Name and Designation of the Staff	Seminar / Workshop / Course Attended	Date	Location
1.	Dr. R. Alageswaran Professor/CSE	C-DAC, Bangalore	27.5.2016 28.5.2016	Bangalore
2.	Mr. D.Pravin Kumar ASP/CSE	Workshop on Internet of Things	22-06-2016 23.06.2016	ACTEC, Karaikudi

**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.	Dr.N.LakshmiNarasimman, HOD/CSE Dr.P.R. Vijayalakshmi Professor/CSE, Ms.S.Brindha, AP2/CSE	29.6.16	Recognized as bronze partner faculty under INSPIRE-THE CAMPUS CONNECT FACULTY PARTNERSHIP MODEL.	INFOSYS, CHENNAI
2.	Ms.G.Saranya AP2/CSE	29.6.16	Silver partner faculty under INSPIRE-THE CAMPUS CONNECT FACULTY PARTNERSHIP MODEL	INFOSYS, CHENNAI
3.	Mr.ChandranSekaran AP(Sr-Gr)/CSE Mr.AnandhaMurugan AP2/CSE	29.6.16	Gold partner faculty under Inspire-The Campus Connect Faculty Partnership Model.	INFOSYS, CHENNAI
4.	Dr. R. Alageswaran Professor/CSE	15-04-2016	Delivered a talk on "Commercial Applications of Bluetooth and Gi-Fi"	EIE DEPT, KLNCE
5.	R.Lakshmi ASP/CSE	09-06-2016 10-06-2016	Anna Univ sponsored FTP On "TOC"	KLNIT

**DEPARTMENT OF PHYSICS****1.Staff Publications in Journal / Conferences:**

Name & Designation of the Staff	Title of the paper	Place/Period/Name of the Journal/Date
Mr. N.R. Ramanujam / ASP	Tuning of photonic Band Gap by Electric field in a nonlinear composite material.	International conference on Innovations in Engineering and Technology. K.L.N.C.E 6th & 7th April 2016.

**DEPARTMENT OF INFORMATION TECHNOLOGY****Publications in International / National Journal**

S.No.	Name of Staff	Title of the paper	Volume, Issue, Month, Year	Name of the Journal
1.	Dr. N.Balaji, HOD/IT	A Neuro fuzzy algorithm to compute software effort estimation	Print ISSN: 0975-4350, DOI:10.17406/GJCST. volume No 16, Issue no.1, pp 23-28,2016	Global journal of Computer Science and Technology
2.		A comparative Analysis of Algorithmic and soft computing techniques in estimating software effort	Medwel Journals Print ISSN 1682-3915, online ISSN 1993-5994 (Anna University journal list sl.no. 1105)	Asian journal of Information Technology
3.		K means Clustering Algorithms to compute Software effort estimation, Journal of Computational and Theoretical Nano Science	Print ISSN 1546-1955, online ISSN 1546-1963, (Anna University journal list Sl.no.5903)	American Scientific publications

**Publications in International / National Journal**

S.No.	Name of Staff	Title of the paper	Volume, Issue, Month, Year	Name of the Journal
4.	Dr.P.Ganeshkumar, Prof/IT	Dynamic Detection and Prevention of Clone Attack in Wireless Sensor Networks	DOI:10.1007/s11277-016-3357-y, pp1-12, Netherlands, May 2016.(ISSN: 0929-6212 (Print) 1572-834X (Online)) (ISI Indexed) (IF:0.653)	Wireless Personal Communications- An International Journal(Springer)
5.		Fuzzy based Secure Intrusion Detection System for Authentication in Wireless Sensor Networks	ISSN: 1546-1955 (Print): ISSN: 1546-1963 (Online)) (ISI Indexed) (IF:1.343)	Journal of Computational and Theoretical Nanoscience
6.	Dr.G.Ramesh, Prof/IT	Improving the Network Lifetime of MANETs Through Cooperative MAC Protocol Design	Volume 5, Special Issue 11, May 2016.ISSN (Online) : 2319 - 8753 ISSN (Print) : 2347 - 6710	International Journal of Innovative Research in Science, Engineering and Technology
7.	Mr.S.Ilangovan, ASP/IT	Comparison Of Feature Ranking Methods For Effective Data Classification	Volume Vii/ Issue Ii/ April-June'2016/145-152. E-Issn 0976-3945	International Journal of Advanced Engineering and Technology

**Publications in International / National Conference**

S.No	Name of Staff	Title of the paper	Month, Year	Name of the Conference	Venue
5.	Mr.S.Ilangumaran ASP/IT	Survey on Finger vein Authentication	April 2016	National Conference on Recent Enhancement in Advanced Computing Technologies	RRASE College of Engineering, Chennai
6.	Mrs. M. Jothi ASP/IT	Partial reconfiguration Based on FPGA- A Review	June 2016	International conference on Innovations in Engg&Tech (ICIET 2016)	KLNCE
7.	Mr. A. Selvaraj AP(Sr.Gr)/IT	Hospital Recommendations using Hybrid Approach	April 2016	National conference on Information Security and Privacy "NCISP'16	Mohamed Sathak Engineering College.
8.	Mr. C. Pandian AP(Sr.Gr)/IT	Utility Mining for High Threshold Itemsets Based on Apriori Algorithm	April 2016	National conference on Information Security and Privacy "- NCISP'16	Mohamed Sathak Engineering College.
9.	Mr. M. SatheeshKumar, AP/IT	Tracking Coordinated and Adaptive Information from Target Wireless Sensor Networks	April 2016	ICIET'16	KLNCE
10.		Enhancement of Wireless Sensor Networks based on Clustering Approach	April 2016	National Conference on Recent Enhancement in Advanced Computing Technologies	RRASE College of Engineering, Chennai
11.	Mr.L.R.J.Karthik, AP/IT	Personal authentication using finger vein recognition	April 2016	National Conference on Recent Enhancement in Advanced Computing Technologies	RRASE College of Engineering, Chennai

### Quality Improvement Programs

Name and Designation of the Staff	Seminar / Workshop / Course Attended	Date	Location
Dr.N.Balaji, HOD/IT	Developing Leaders for Organisational Excellence	27/05/2016 to 29/05/2016	MBA Department of Kalasalingam University
Dr. G. Ramesh, Prof/IT	Big Data Analytics	22.06.2016 to 01.07.2016	DST/BDID Sponsored / K.L.N.C.I.T
Mrs. J. S. Kanchana, ASP/IT	Grid and Cloud Computing	11.05.2016 to 13.05.2016	KLNCIT
Mr. C. Pandian, AP(Sr.Gr)/ IT	Train The Trainer (TTT) on Python Programming	30.05.2016 to 01.06.2016	conducted by Infosys Limited at Kumaraguru College of Technology, Coimbatore
	IT6503 - WEB PROGRAMMING	06.06.2016 to 12.06.2016	National Engineering College
	Big Data Analytics	22.06.2016 to 01.07.2016	DST/BDID Sponsored / K.L.N.C.I.T
Mr. M. Satheesh Kumar AP/IT	Big Data Analytics	18.05.2016 to 27.05.2016	PSNA College of Engineering and Technology
Mr. L.R.J. Karthik, AP/IT	Big Data Analytics	18.05.2016 to 27.05.2016	PSNA College of Engineering and Technology
Mr. J. Karthikeyan, AP/IT	Train The Trainer (TTT) on Python Programming	30.05.2016 to 01.06.2016	conducted by Infosys Limited at Kumaraguru College of Technology, Coimbatore
	IT6503 - WEB PROGRAMMING	06.06.2016 to 12.06.2016	National Engineering College
	Big Data Analytics	22.06.2016 to 01.07.2016	DST/BDID Sponsored / K.L.N.C.I.T

### DEPARTMENT OF MATHEMATICS

#### Staff Publications in Journal:

S.No.	Date	Name of the Conference/ Journal / Venue	Title of the paper presented	Name of the Staff
1.	April-July	Journal-Samzhodhana	Sources of Power Generation and Marketing in Electricity with Special Reference to Tamilnada	Dr. M. Devarajan/Prof