



Faculty Industry visit at kodunkulam Nuclear power plant on 26.2.15



**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.P.Sabarinath ASP/Mech	Performance evaluation of differential evolution and particle swarm optimization algorithms for optimizing power loss in a worm gear mechanism	Vol No:326, Page No:433-441, SPRINGER LNEE, 2015
Dr. M.R. Thansekhar Professor & Mech Mrs. C.Anbumeenakshi AP(S.G)/Mech	Effect of flow inlet on flow distribution in micro channel heat sink	Vol No:7, page no:194-196, Journal of Chemical and Pharmaceutical Sciences, 2015
Dr. M.R. Thansekhar Professor /Mech Mr.P.Sabarinath ASP/Mech	Energy Conservation by Design Optimization of Flywheel using Flower Pollination Algorithm	Vol No:7, pp.166-171, Journal of Chemical and Pharmaceutical Sciences, 2015
Dr. M.R. Thansekhar Professor /Mech Mr.P.Sabarinath ASP/Mech	Multi objective Optimization Method Based on Adaptive Parameter Harmony Search Algorithm	Vol 2015, Article ID 165601, pp 1-12, Journal of Applied Mathematics, Hindawi Publishing Corporation
Dr. M.R. Thansekhar Professor /MECH Mr.P.Sabarinath ASP/Mech	Energy conservation of differential Evolution and Particle Swarm Optimization Algorithms for the Optimal Design of Hollow Shaft	Vol No: 7, 2015, pp: 166 - 171 Journal of Chemical and Pharmaceutical Sciences
Mr.G.R.Kathiresan Prof / Mech	Fuzzy logic model for evaluating leanness of employee behavior index in lean organization	Vol No:10 Page No:9819-9838 International Journal of applied Engineering Research
Dr.S.Balasubramanian Prof/Mech	Study on the Material removal mechanism in Wire Electrical Discharge Machining	Vol:3, 2015 International Journal of Engineering Technology

Dr.M.R.Thansekhar Professor / MECH Mr.R.Ashok Kumar AP(S.G)/Mech	Review on Friction Stir Welding International Journal of Applied Engineering Research ISSN 0973-4562	Volume 10, Number 8 (2015) Page No.6337 to 6341
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### International Conferences

NAME AND DESIGNATION OF THE STAFF	TITLE OF THE PAPER	PLACE / PERIOD / NAME OF THE CONFERENCE
Dr. M.R .Thansekhar Professor & Mech Mrs. C.Anbumeenakshi AP(S.G)/Mech	Experimental study of flow maldistribution in micro channel with rectangular header - Effect of header width	International Conference on Emerging Trends in Engineering and Technology. 26.3.15 to 27.3.15 K.N.S.K.College of Engineering, Kanyakumari, TamilNadu
Dr.M.R.Thansekhar Professor /MECH Mrs.C.Anbumeenakshi AP(S.G)/Mech Mr.S.Satheeshkumar AP-2/Mech	Numerical Investigation of mass flow distribution in wavy micro channel heat sink	International Conference on Sustainable Energy Resources, Materials and Technologies 8.01.15 to 9.01.15 SSN College of Engineering, Chennai
Mr.G.Sankaranarayanan AP-2/Mech	Influence of annealing condition in Aluminum Alloy sheet	International Conference on Emerging & Recent Technology 2015 Date:31.1.15 Sri Raja Rajan College of Engg & Tech. Amaravathipurudr, Karaikud

### National Conferences

NAME AND DESIGNATION OF THE STAFF	TITLE OF THE PAPER	PLACE / PERIOD / NAME OF THE CONFERENCE
Dr. M.R .Thansekhar Professor /Mech Mr.P.Sabarinath ASP/Mech Mrs.C.Anbumeenakshi AP(S.G)/Mech	Energy conservation by design optimization of flywheel using Flower pollination Algorithm	National Conference On "Recent Trends And Developments In Sustainable Green Technologies" 24.03.15 to 25.03.15, Madras Institute of technology, Chromepet, Chennai
Dr.A.N.Balaji Prof/Mech	A review on Aluminum matrix composites for engine block applications	Modern Trends in Automobile Engg. 2015" - 3rd National Conference Organized by Automobile Dept. March 27th & 28th 2015 ,KLNCE.

### 3.SHORT TERM COURSES /SEMINAR / SYMPOSIUM ATTENDED BY THE STAFF

NAME AND DESIGNATION OF THE STAFF	SEMINAR / WORKSHOP/ COURSE ATTENDED	DATE / PLACE
Dr.P.Udhayakumar Professor-HOD /MECH Dr.A.N.Balaji Professor /MECH Mr.G.R.Kathiresan Professor /MECH Dr.S.Balasubramanian Professor /MECH Mr.A.M.Nagarajan ASP-1/MECH Mr.P.Sabarinath ASP-1/Mech Mr.D.Satheespondian AP(Sr.Gr)/Mech	Strategic Planning on Institutional Development programme	28.2.2015 / KLNCE
Dr.A.N.Balaji Prof/Mech	International Conference on Additive Manufacturing and 3D Printing	Participated in an International conference organized by ESCI and VEL Tech University 06-02-2015 to 07-02-2015
Mr. D. Murali Lab Instructor	Two days training programme on "Occupational Health and Safety Management",	Mepco Schlenk Engineering College, Sivakasi 26.3.15 & 27.3.15
Mr. A. Ganesh Lab Instructor Mr. S. Muthukaruppu Lab Assistant	National workshop on "Research Aspects in Composite Materials & Welding Technology"	Sri Krishna College of Engineering, Coimbatore.

## STUDENTS ACHIEVEMENTS / AWARDS WON



II Year Mechanical Engg. Students won 2nd & 3rd Prize in Self Propelling Vehicle Event at National Institute of Technology, Trichy during 13-15 Mar 2015

DATE	TOPIC	DETAILS OF RESOURCE PERSONS	NO OF STUDENTS	CONVENOR	STAFF IN-CHARGE
12.3.15 & 13.3.15	Basics of Lab view and Applications	Mr.Jiyo Mathew, Trident Techlabs, Bangalore Mr.K.D Dinesh, Trident Tech.labs, Chennai Mr.D.Pradeep Kannan, ASP/EIE, K.L.N.C.E	38	Dr.P.Udhayakumar Prof. / HOD-Mech	Mr.G.R.Kathiresan Prof/Mech Mr.D.Satheeshpandian AP(Sr.Gr)/Mech

### GUEST LECTURES CONDUCTED BY DEPARTMENT :

Name of the Resource Person and Designation	Date / Location	Guest Lecture Topic	No of Students	Staff In-charge
Mr.J.Manikandan, Engineer, Supply Chain Management, Wheels India Limited, Chennai	28.02.15 KLNCE	Role of Engineers in improving Productivity of Manufacturing Industries	142	Mr.G.M.Nagarajan ASP-1/Mech

### FACULTY INDUSTRY VISIT

DATE	NAME OF THE FACULTY	NAME OF THE ORGANISATION
26.02.2015	Dr. P. Udhayakumar Prof/HOD-Mech Dr. S. Balasubramanian Prof/Mech	Kodunkulam Nuclear Power Plant
02.03.2015	Dr. P. Udhayakumar Prof/HOD-Mech	Principal's Meet FY 15, Infosys limited, Mahendra City DC, Chennai

## DEPARTMENT OF CHEMISTRY

### I. SHORT TERM COURSES / SEMINAR / SYMPOSIUM ATTENDED BY STAFF

NAME AND DESIGNATION OF THE STAFF	SEMINAR / WORKSHOP / COURSE ATTENDED	DATE	LOCATION
Dr. R. Gandhidasan, Prof & Head	Strategic planning on Institutional Development	28.2.2015	KLNCE

Mrs. O.D. Shakila, ASP1	National Seminar on "Microscale Experiments in Chemistry"	29.1.2015	Department of Chemistry V.V.V.College, Virudhunagar
	National Seminar on "Advances in Crystallography"	02.3.2015	Department of Chemistry LadyDoak College, Madurai
Mrs. G.J. Deeparani, ASP1	TEQIP sponsored One Day workshop on "Functional Coatings - Current Trends"	06.3.2015	Department of Chemistry, Thiyagaraja College of Engineering, Madurai
Ms. E. Rajalakshmi, Ms. G. Revathy	UGC sponsored National Conference on "Frontier Areas in Chemistry"	26.2.2015 & 27.2.2015	Department of Chemistry, Thiyagarajar College, Madurai

## 2. GUEST LECTURES

DATE	TOPIC / TITLE	DETAILS OF RESOURCE PERSON
05.03.2015	Significance of chemistry in Engineering discipline	Dr. Sayee Kannan, Asst. Professor in chemistry, Thiyagarajar College, Madurai.

## 3. ACHIEVEMENTS OF STAFF / RECOGNITION / HONOURS

Dr.R.Gandhidasan, Professor & Head delivered Inaugural Address at EIE Department on the occasion of ISO1 student convention on 31.03.2015

## ADDITION TO INFRASTRUCTURE / MAJOR EQUIPMENTS ADDED

Flame Photometer

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### 1. PUBLICATION IN INTERNATIONAL JOURNAL

NAME & DESIGNATION OF STAFF	TITLE OF THE PAPER	PLACE/ NAME OF THE CONFERENCE/JOURNAL
Mrs.S.S.Sarmila AP/CSE	Face & Human Detection using Gradient Pattern with binary Historytechnique	Published in IJRITCC The Board of International Journal of recent & Innovation trends in Computing & Communication, vol 3, issue Feb 2015

### 2. PUBLICATION IN INTERNATIONAL CONFERENCE

NAME & DESIGNATION OF STAFF	TITLE OF THE PAPER	PLACE/ NAME OF THE CONFERENCE/JOURNAL
Mrs.S.S.Sarmila AP/CSE	Face and Human Detection using Gradient Pattern with Nearest Technique	International Journal of Advanced Research in Computer science, Volume 6, No1, ISSN No.0976-5697 Feb 2015
Mrs.S.S.Sarmila AP/CSE	Face and Human Detection Using Gradient Pattern with Binary Histogram Technique	International Journal of Recent and Innovation Trends in Computing and Communication, Volume:3 issue 2,Page No:279-281, ISSN:2321-8169 Scientific Impact factor:5.098 , Feb 2015

### 3. SHORT TERM COURSES / SEMINAR / SYMPOSIUM ATTENDED BY STAFF

NAME & DESIGNATION OF STAFF	SEMINAR / WORKSHOP COURSE ATTENDED	LOCATION & DATE
Mr.D.Pravin Kumar ASP/CSE	UGC sponsored seminar on WBAN Sensing &Signal Processing Challenges	Anna University, Chennai. 23rd& 24th March 2015
Mr.D.Pravin Kumar ASP/CSE	Strategic Planning on Institutional Development by IIPC	KLN College of Engineering 28th Feb 2015
Mrs.P.Jeya Durga AP/CSE Ms.V.Abinaya AP/CSE	J2EE Programming by ICTACT	Sethu Institute of Technology 16th to 20th March 2015
Mr.P.Dinesh Kumar AP/CSE	Cloud InfraStructure & services By ICTACT	Kalasalingam University

Mr.R.Anandha Murugan AP/CSE	Two days workshop on Image Processing and Pattern Recognition Research	Thiagarajar College of Engg. 20th& 21st March 2015
Mr.B.Chandran Sekaran AP(Sr.Gr)/CSE	TEQIP Sponsored Workshop on Convex Optimization and Random Process for Wireless Communication Systems	Thiagarajar College of Engineering 5th to 7th March 2015
Mr.B.Chandran Sekaran AP (Sr.Gr) / CSE	Workshop on Implementation of Dspace in Institutions	Loyala College of Engineering 28th Feb 2015
Mrs.P.Jeyadurga AP/CSE Mrs.R.Kirubahari AP/CSE	One day seminar on Intelligent Data Engineering	PSNA College of Engineering, Dindigul 11th Feb 2015

#### 4. SHORT TERM COURSES / SEMINAR / SYMPOSIUM ORGANIZED BY DEPARTMENT

NAME & DESIGNATION OF STAFF	SEMINAR / WORKSHOP COURSE ATTENDED	LOCATION & DATE
Dr.N.Lakshmi Narasimman, HOD/CSE	District Level Leadership Institute (DLLI)	Kodaikanal 30,31 Jan & Feb 2015
Mr.B.Chandran Sekaran AP(Sr.Gr)/CSE Mr.J.Rajesh Kumar AP/CSE Mr.R.Anandha Murugan AP/CSE	15 days Java refresher course for Madura Coats Employees Organized by KLNCE	Madura Coats, Madurai 1st to 15th March 2015

#### 5. ACHIEVEMENTS OF STAFF / RECOGNITION / HONOURS

NAME & DESIGNATION OF STAFF	EVENT	VENUE
Dr.N.Lakshmi Narasimman HOD/CSE	LIONS 324 AB Multiple district award for Best District Chairperson- Information Technology	Vestry School, Trichy
Dr.N.Lakshmi Narasimman HOD/CSE Mr.B.Chandran Sekaran AP(Sr.Gr)/CSE Mr.R.Anandha Murugan AP/CSE	Academic Leader Award From EMC*2 at EMC academic Summit 2015 for completing 225 students certifications in Cloud Infrastructure and Services(CIS) through ICTACT Academy of Tamil Nadu.	EMC*2 Multinational Company, Hotel Le Royal Meridian, Chennai 12th Feb 2015

### DEPARTMENT OF AUTOMOBILE ENGINEERING

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

DATE	TITLE	DETAILS OF RESOURCE PERSON	NUMBER OF PARTICIPANTS
06.01.15	Founder's Day Celebration-"Road Safety Awareness" program	Dr. A.V. Ram Prasad Principal, KLNCE	-
28.02.15	One day Workshop on "Materials and Manufacturing Processes" Coordinators: Dr.R.M. Satheeshkumar, Prof & Head, &Mr.N. Rajkumar, AP(SG)	Dr. M. Manohar, Scientist ISRO, Trivandrum	59
27.03.15 & 28.03.15	The 3rd National Conference on "Modern trends in Automobile engineering-MTAE'15 and Tecstacy'15 Event Convener : Dr.R.M.Satheeshkumar, Prof & Head Organizing Secretary: L.Vivekkrishnakumar, AP(Sr.Gr) T.S.Ramkumar, AP(Sr.Gr.)	Mr.S.K. Premramesh, DGM, Production Engineering Department, TAFE, Madurai	No of paper: 16





## DEPARTMENT OF MATHEMATICS

### Staff Publications in Journals:

DATE	NAME OF THE CONFERENCE / JOURNAL/VENUE	TITLE OF THE PAPER PRESENTED	NAME OF THE STAFF
09.01.2015	National conference on Recent Development in Mathematics and its Application, The Madurai College, Madurai.	Mathematical Analysis of Argulus Foliaceus in Trout Fisheries	Mrs.P.Brindha Assistant Professor 2
2.1.2015 & 3.1.2015	The Seventh National conference on Mathematical Techniques and its Applications, SRM University, Chennai.	Generalized knot symmetric algebras in $Z^*$	Mrs.R.Selvarani Associate Professor
23.01.2015	National Conference on recent Trends in Pure and Applied Mathematics	Application of Homotopy perturbation methods for steady state Brusselator Model	Miss P.Jeyabharathi Assistant Professor 2
March 2015	International Journal of Scientific & Engineering Research	Generalized knot symmetric algebras in $Z^*$	Mrs.R.Selvarani Associate Professor

### Short term courses/Seminar/FDP/Workshop attended by Staff: Seven

DATE	TITLE OF FDP/SDP/WORKSHOP	NAME AND DESIGNATION OF THE STAFF	LOCATION
2015 January 5 to 7 19 - 21	TWO-WEEK ISTE- STTP on "Pedagogy for the effective use of ICT tools in Engineering Education" conducted by IIT, Bombay.	Dr.J.K.Subashini	Thiagarajar College, Madurai
02.01.15 - 03.01.15	The seventh National conference on Mathematical Techniques and its Applications,	Mrs.R.Selvarani	Chennai
28.02.15	Strategic Planning on Institutional Development	Dr.J.K.Subashini	Chennai
28.02.15	Strategic Planning on Institutional Development	Prof.K.S.K.Subramanian	Chennai
05.03.15	TANCET 2015 (Aptitude Coaching) awareness program for MCA Dept	Dr.M.Devarajan	KLNCE
06.03.15	TANCET 2015 (Aptitude Coaching) awareness program for MCA Dept	MrA.Veeraiah	KLNCE
12.03.15 - 13.03.15	UGC Sponsored National Conference on Recent Developments on Emerging Fields in Pure and Applied Mathematics	Mrs.R.Selvarani	Thiagarajar College Madurai

Various Competitions conducted for the I.B.E/B.Tech student members (ODYSSEY).

**Aptitude Test conducted on 26.02.2015**

**Staff i/c :** Ms.P.JeyaBarathy, AP2 / Mathematics & Mr.V.Krishnan AP2 / Mathematics.

**Quiz Contest conducted on 26.02.2015**

**Staff i/c :** Mr.K.S.K.Subramanian Prof / Mathematics, Mrs P.Brindha & Mrs.T.Kokila AP2/ Mathematics,

Various Competitions conducted for the IIB.F/B.Tech student members(ODYSSEY)

**CREATION OF MATH MODEL conducted on 03.02.15**

**Staff i/c:** Dr. J.K. Subashini / HOD/ Mathematics, Prof.K.S.K. Subramanian Prof / Mathematics,  
Mr.A.Veeraiiah /ASP/ Mathematics, Dr.M.Devarajan /ASP/ Mathematics

**PUZZLE SOLVING COMPETITION conducted on 10.02.15**

**Staff i/c :** Mrs.P.Dhanapriya AP2/ Mathematics, Mrs.R.Kalaiselvi AP2/ Mathematics,

**MOCK INTERVIEW conducted on: 27.02.15**

**Panel Members :** Dr.N.Lakshmi Narasimman Prof & HOD/CSE, Dr.P.Udayakumar Prof & Head/ MECH and TPO  
Mr.Devibalan M/Ethnus consultancy services Pvt.Ltd, Madurai  
Mr.Suriyanarayana Prabu T C /AP2/ MBA, Mr.Suresh Raja S/ASP/MCA,

**Staff i/c :** Mrs.R.Selvarani, ASP/Maths and Club Coordinator Mrs.M.JansiSelva Rani, AP2/ Maths

In connection with ODYSSEY, Maths club the Valedictory Function was held on 06.03.2015, Our **Principal Dr.A.V.Ramprasad** presided the function and distributed the Prizes the prize winners of various competitions.  
**Dr. N. Lakshmi Narasimman Prof & HOD/CSE** felicitated.

**Name of the Department : PHYSICS**

**1. Staff Publications in Journal / Conferences:**

NAME AND DESIGNATION OF THE STAFF	TITLE OF THE PAPER	PLACE/PERIOD/NAME OF THE JOURNAL/DATE
Mr. N.R. Ramanujam / ASP	Effect of Temperature on Nano composite of metal Nanoparticles in photonic crystals - progress in Electromagnetic Research M	Vol. 41, page 105-114, 2015
	Phonon polariton modes in Al doped ZnO Nanoparticles. (International conference on Nano science & Nanotechnology 2015)	SRM University, Chennai 4th - 6th Feb 2015
Mrs.M.S.Revathy / AP2	"Large Area Cu <sub>2</sub> ZnSnSe <sub>4</sub> Heterojunction solar cells by sputtering" in National Conference on Recent Trends in Physics of Materials (NCRTPM - 2015)	Pachaiaappa's College, Chennai. 28.3.15
Mr. A. Murugan / AP2	Structural, electronic, mechanical properties of rare earth nitride REN (RE=pm, Eu&yb).J.Mag. Mag. Materials	Vol. 385, page 441-450,2015

**2. Short term courses / Seminar / Symposium attended by Staff :**

NAME AND DESIGNATION OF THE STAFF	SEMINAR / SYMPOSIUM / COURSE ATTENDED	DATE	PLACE
Mr. N.V. Karthikeyan /ASP Mr. N.R. Ramanujam / ASP	One day Seminar on "strategic planning on Institutional development"	28.02.2015	K.L.N.C.E

**DEPARTMENT OF MANAGEMENT STUDIES**

**1. Staff Publications in Journal / Conferences**

DATE	TITLE	NAME OF THE STAFF AND DESIGNATION	RECOGNITION
Jan 2015	MICRO LEVEL EMPIRICAL STUDY ON VIRAL MARKETING IN MADURAI	Dr.K.G. Nalina Associate Professor Mr.B.Palanivelrajan Assistant Professor	Published a paper on International Journal of Management. Volume No : 6 ISSN NO : 0976-6502 (Print), ISSN 0976 - 6510 (online)

## 2. Short Term Courses / Seminar / Symposium attended by Staff

NAME AND DESIGNATION OF THE STAFF	SEMINAR / WORKSHOP/ COURSE ATTENDED	DATE	LOCATION
Dr.T.JOTHIMURUGAN Director - MBA	SEMINAR ON "EMERGING TRENDS IN ARBITRATION"	21st February 2015	Mepco Mini Hall, T.N. Chamber of Commerce Building, Madurai
HARIHARAN KS Assistant Professor	NATIONAL LEVEL WORKSHOP ON "STATISTICAL TOOLS OF RESEARCH WITH SPECIAL REERENCE TO SPSS	30 & 31st January 2015	Department Of Management Studies, Regional Office - Anna University - Tirunelveli Region

## 3. Short Term Courses / Seminar / Symposium organized by the Department

One Day National Level Conference organized by our Department on 27-03-2015 Title : Creative and Innovative Trends & Practices in Management - Chief Guest : KUMARAN B JAGHUVA, Managing Director, Quality Knit Wear P Ltd. Madurai.

## 4. Guest Lectures / Special Programmes conducted

DATE	RESOURCE PERSON	DESIGNATION	TOPIC ON EXPERT TALK
06.03.2015	Mr. L. Srinath	Assistant Manager	Share Trading Live Demo
05.03.2015	Shri.K.S.D. Siva Prasad	Executive Council Member	Communication for MBA Professionals
05.03.2015	C.A.P.V. Rajarajeswaran	Chartered Accountant	Budget 2015
03.03.2015	Mr. N.Sundara Subramanian	Chief Consultant	Production Planning and Management
28.02.2015	Mr. P. Parthipan	Managing Director	Professional Entries & Values in Business with yoga practice
19.02.2015	Dr. Joseph Xavier	Language Consultant & Trainer	Enhancing Communication Skills
17.02.2015	Mr. Vinoth	Director	An impact of Environment on securities market
11.02.2015	Mr. K. Srinivasan	Assistant Project Director	Marketing with 3 faces
27.01.2015	T.G. Sivanath	Executive - Director	Event Management Practices
24.01.2015	Rajagopalan Duraiswamy	Regional Head - Business Development	Industry Expectations and Soft Skills

## 5. Funding obtained from National bodies / AU / Industry

Training program proposed in the month of March 2015 - Consultancy amount Rs.30000/= - towards Orientation Training Program on Soft Skills for Newly Recruited Entry Level Employees in India Post, Postal Training Centre, Perungudi, Madurai in the month of April and May 2015.

## 6. Any other details of importance

Dr.T.Jothimurugan, Director - MBA, attended the Board of Studies in Business Administration, Lady Doak college, Madurai on 25th February 2015.

Dr.T.Jothimurugan, Director - MBA, handled a training session on "Project Appraisal - Technical & Financial" at Training on Training of Trainer Programme (TOT) organized by VAPS, Madurai on 20.02.2015

Mr.T.C.Suriyanarayana Prabhu - AP (Sr. Gr) - handled a training session on "Personality Enhancement - Time Management - Confidence Building - Exercise" at VAPS, Madurai on 12.01.2015

Mr.T.C.Suriyanarayana Prabhu - AP (Sr. Gr) - handled a training session on "Entrepreneurship laboratory & motivation - Exercise" at Training on Training of Trainer Programme (TOT) organized by VAPS, Madurai on 09.02.2015

Mr.T.C.Suriyanarayana Prabhu - AP (Sr. Gr) - handled a training session on "TIPS for Agripreneur - ICE Breaking Session" at VAPS, Madurai on 16.03.2015

One Day National Level Conference organized by our Department on 27-03-2015 Title : Creative and Innovative Trends & Practices in Management - Chief Guest : KUMARAN B JAGHUVA, Managing Director, Quality Knit Wear P.Ltd. Madurai





## DEPARTMENT OF INFORMATION TECHNOLOGY

### 1. PUBLICATIONS IN INTERNATIONAL/ NATIONAL JOURNAL

NAME OF STAFF	TITLE OF THE PAPER	VOLUME, ISSUE, MONTH, YEAR	NAME OF THE JOURNAL
Dr.P. Ganeshkumar Prof/IT	A Survey on Hierarchical and Hybrid Protocols for Wireless Sensor Network	Volume 13 Issue 4, 2014. (ISSN:1682-3915)	Asian Journal of Information Technology, Medwell Journals,
	A Secure 3way Routing protocols for Intermittently connected mobile Ad-hoc Networks	Volume 2014 (ISSN: Print 2356-6140 & online 1537-744X)	The Scientific World Journal", Hindawi Publishing Corporation
J.S. Kanchana, ASP/IT	Recommendation Engine Formation using Depth First Search and Genetic Approach	11 (1): 188-194, Jan -2015	Journal of Computer Science
M.N. Saroja, AP/IT	"Performance of Multipath Routing for Improving Network connectivity in MANET"	Vol.11, Issue 11, ISSN: 2349-3216 Nov 2014	International Journal of Advanced Engineering Science and Information Technology (JAESIT)

### 2. PUBLICATIONS IN INTERNATIONAL/ NATIONAL CONFERENCE

NAME OF STAFF	TITLE OF THE PAPER	MONTH YEAR	NAME OF THE CONFERENCE	VENUE
Mrs.M.jothi, ASP/IT	Recommender System Based on contextual Factors using Hybrid Approach	21st March 2015	National Conf. on Advanced Computing Technologies 2015	Kalasalingam University Srivilliputtur.
Mrs.M.Jothi, ASP/IT	National Conference on Advance Computing Technologies	21st March 2015	NCACT-15	Kalasalingam University Srivilliputtur.
J.S.Kanchana ASP/IT	User Interest and Social Circle based personalized recommendation	21st March 2015	NCACT 15	Kalasalingam University Srivilliputtur.
Mr.S.Ramesh AP/IT	Prediction of Mood Information in Music based on Social Tags" 7th National Conference on "Advance Computing Technologies"	21st March 2015	NCACT 15	Kalasalingam University Srivilliputtur.

### 3. QUALITY IMPROVEMENT PROGRAMS

NAME AND DESIGNATION OF THE STAFF	SEMINAR / WORKSHOP / COURSE ATTENDED	DATE	LOCATION
Dr.N. Balaji, HOD/IT	Seminar on "Strategic Planning for Institutional Development"	28/02/15	KLNCE
Mrs. M.Jothi., ASP1/IT	One Day Hands on Training "Preparation of journal articles using Latex"	27/03/15	Kongu Engg College Perundurai
	"How to write a technical paper for a reputed journals"	28/03/15	
Mr.R.Kishore, AP/IT	Workshop on "Image Processing and Pattern Recognition Research"	20.03.15 21.03.15	Thiagarajar College of Engineering, Madurai.
Mr.S.Ramesh., AP/IT	2 Days Seminar on "Wireless Body Area Network (WBAN) - Sensing & Signal Processing Challenges",	23.3.15 & 24.3.15	Department of ECE @ Anna University, Chennai

### 4. EVENTS ORGANIZED BY THE DEPARTMENT

NAME AND DESIGNATION OF THE STAFF	EVENT ORGANIZED	RESOURCE PERSON / CHIEF GUEST	DATE
S. Ilankumaran, M.N.Saroja C. Manjula Devi	IIPC Sponsored Workshop on Hands-on Session on 8086 Microprocessor	Dr. K. Hariharan, ASP / TCE	23.1.2015 & 24.1.2015
S. Ilankumaran, ASP / IT	Challenger's Fest 15 Events: Quiz, Web design, Multimedia, Debugging	Dr. A.V. Ram Prasad Principal / KLNCE	6.3.2015

Dr.N.Balaji , HOD/IT	Entrepreneurship Awareness Programme	Mr. Jeya Kumar, Entrepreneurship Consultant, Tamilnadu Council for Enterprise Development, Madurai.	09.03.2015
	ISTE sponsored seminar on "Microprocessor and Microcontrollers"		Dr. K. Hariharan, ASP / TCE

#### EVENTS ORGANIZED :

Founders Day celebration, "Scope of Engineering Disciplines and Latest Trends in Information Technology" For Higher Secondary Girls of Sourashtra Girls Hr. Sec. School, Anupanadi, Madurai 02.01.2015



Seminar on " Web Technology" for  
Third Year Students of IT Department in  
association with ISTE. 11.03.2015



### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### Staff Publications in Journal / Conferences:

NAME AND DESIGNATION OF THE STAFF	TITLE OF THE PAPER	PLACE / PERIOD/ NAME OF THE JOURNAL	MONTH & YEAR
S.Venkatanarayanan ASP/EEE	Implementation of a Sliding Mode Controller for Single Ended Primary Inductor Converter.	Journal of Power Electronics ISSN 1598-2092.	Jan 2015
	Selective Harmonics Compensation (SHC) PWM for Grid-interfacing High-Power Converters.	Samzhodhana ISSN 2321-8231	Jan 2015
	DTC of B4-Inverter Fed BLDC Motor Drives with reduced Torque Ripple during Sector-to-Sector Communication.	Samzhodhana ISSN 2321-8231	Jan 2015

#### Publication in International/National Conference:

NAME AND DESIGNATION OF THE STAFF	TITLE OF THE PAPER	NAME OF THE CONFERENCE	DATE & PLACE
Dr.S.M.Kannan HOD/EEE	Performance Improvement of AGC by using Neural Network Controller.	International Conference on Electrical, Instrumentation & Communication Engineering Recent Trends and Research Issues-2015.	2nd and 3rd Jan 2015 Sri Krishna Institution, Coimbatore.
Dr.S.Venkatesan Prof/EEE	Assessment of Congestion Management incorporating Renewable Energy Sources.	IEEE sponsored second International Conference on Innovations in Information Embedded and communication Systems. (ICIIECS '15)	19th & 20th March 2015, Karpagam College of Engineering, Coimbatore.

Dr.K.Gnanambal Prof/EEE	Optimal Placement of Phasor Measurement Unit.	International Conference on Electrical, Instrumentation & Communication Engineering Recent Trends and Research Issues-2015	2nd and 3rd Jan 2015 Sri Krishna Institution Coimbatore.
S.Parthasarathy ASP/EEE	Enhancement of output voltage quality of Multi-level inverter using series Active filter.	2015 International Conference on Circuit, Power and Computing Technologies.	19th& 20th March 2015 Noorul Islam University Nagarkoil.
S.Venkatarayanan ASP/EEE	Co-ordinated control of transient stability enhancement for multi-machine Power System	IEEE sponsored second International Conference on innovations in Information Embedded and Communication Systems (ICIIECS '15)	19th& 20th March 2015 Karpagam College of Engg., Coimbatore.
S.Venkatarayanan ASP/EEE	Modelling of Bridgeless Converter to Enhance Power Quality for Grid Integrated System.	IEEE sponsored second International Conference on innovations in Information Embedded and Communication Systems (ICIIECS '15)	19th& 20th March 2015 Karpagam College of Engg., Coimbatore.
S.Manoharan AP(SR.Gr)/EEE	Reduction of Fault Current in Smart Grid using Superconducting Fault Current Limiter	International Conference on Recent Advances and Innovations in Engg. and Technology (ICRAIET '15)	20th& 21st March 2015 Ranganathan Engg. College. Coimbatore
M.Jeyamurugan AP(SR.Gr) / EEE	A Single phase Fifteen level Cascaded H-bridge Multilevel Inverter.	International Conference on Emerging Trends in Engineering and Technology	13th& 14th March 2015 Pandian Saraswathi Yadav Engg. College, Arasanoor.
C.Muthamil Selvi AP(Sr.Gr)	Optimal Placement of Phasor Measurement Unit.	International Conference on Electrical, Instrumentation & Communication Engineering Recent Trends and Research Issues-2015	2nd and 3rd Jan 2015 Sri Krishna Institution, Coimbatore.
P.K.Arjun Kumar AP/EEE	Performance Improvement of AGC by using Neural Network Controller	International Conference on Electrical Instrumentation & Communication Engineering Recent Trends and Research Issues-2015	2nd and 3rd Jan 2015 Sri Krishna Institution, Coimbatore.
R.Jeyapandiprathap AP/EEE	A Bridge-less LUO converter fed BLDC motor drive for Power Factor correction	International Conference on Emerging Trends in Engineering and Technology	13th& 14th March 2015 Pandian Saraswathi Yadav Engg College, Arasanoor.
S.Rajalingam AP/EEE	Compensation of Reactive power and Non-linear loads for power quality improvement using DSTATCOM	IEEE Sponsored 2nd International conference on innovations in information Embedded and communication systems. ICIIECS '15	19th& 20th March 2015 Karpagam college of Engineering, Coimbatore.
N.Vimal Radha Vignesh AP/EEE	Line following robot with obstacle detector without using Micro-controller	International Conference on trends in Engineering ICTETSHAM'15	19th& 20th Feb 2015 Tamizhan College of Engg. and Tech. Kanyakumari.
S.P.Rajaram AP/EEE	Optimal Placement of Distributed Generation Units for Voltage Stability Improvement using Cat Swarm Optimization	International Conference on Recent Advances and Innovations in Engg. and Technology (ICRAIET '15)	20th& 21st March 2015 Ranganathan Engg. College, Coimbatore.

## DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

### 1. Staff publications in Journal / Conferences :

Name and designation of the staff	Title of the paper	Date
Prof. S. Nagammai, HOD / EIE Ms.K.Dhanalakshmi, AP2/EIE	Design of digital Internal model controller for an unstable CSTR process/ International Journal of Research in Advent Technology (IF : 1.473) Volume 3, Issue 2	February 2015
	Design of Model based Controllers for a CSTR Process / "Journal of Instrumentation Technology & Innovation" ISSN: 2249-4731(online), Volume 5, Issue 1	March 2015
	Design of Pole placement Controller for an Active Bus Suspension System/ National Conference on Modern trends in Automobile Engineering at KLNCE	27th March

Prof. S. Nagammal, HOD / EIE	Intelligent controller implementation for a Bio process / National Conference on " Intelligent Computing and Automation" at KCET, Viruthunagar	28th March
Mr.D.Pradeep Kannan, ASP/EIE	Design & Modeling of fractional order P1 controller for a coupled spherical tank MIMO system, Australian Journal of Basic & Applied sciences 9(5) March 2015 PP 477-485. ISSN No:	March 2015
	Particle swarm Optimization Tuned Fractional order PID controller for a non linear MIMO system/ International Journal of Applied Engineering Research ISSN NO:0973-4562, Vol 10, No.#(2015) PP 8935-8952	March 2015
Mr.R.Naveeth Kumar, AP2/EIE	"Counting of object in video images using Morphological operator" International Journal of Emerging Engineering Research and technology volume 3 issue 2, ISSN 2349-4409	February 2015
Mrs.N.Vishnu Devi, AP2/EIE	Lung Air Volume measurement from 2nd phase contrast X-Ray images using VI in National Conference held at KCET on 27.3.2015.	March 2015
Mr.V.Aravindarajan, AP2/EIE	"Clock Gating optimization technique using buffer gates"- International Journal of Applied and Electronic Research (IJAER).	March 2015
	"Generalization of Clock gating logic Technique Using Wide spread Adapting" - IEEE sponsored Second International conference on Electronics and Communication Systems on 26th and 27th Feb 2015 organized by Department of Electronics and Telecommunication Engg., Karpagam College of Engineering-Coimbatore.	February 2015

### Name of the Department: MCA

#### Staff Publications in Journal/Conferences.

NAME AND DESIGNATION OF THE STAFF	TITLE OF THE PAPER	PLACE / PERIOD / NAME OF THE JOURNAL
Dr. N.Ravia Shabnam Parveen, AP(SG) /MCA	Lung segmentation in digital chest x-ray images using graph cut optimization Method	International Conference On Recent Trends In Engg Science And Management (ICRATESM -2015), Jawaharlal Nehru University, New Delhi on 15-3-2015
Dr. N.Ravia Shabnam Parveen, AP(SG) /MCA	Lung segmentation in digital chest x-ray images using graph cut optimization Method	International Journal of Science, Technology & Management, Volume No 04, Special Issue No. 01, March 2015. ISSN: 2394-1537

#### Short term courses/Seminar/Symposium attended by Staff :

NAME AND DESIGNATION OF THE STAFF	SEMINAR / WORKSHOP / COURSE ATTENDED/SYMPIOSIUM	DATE / PLACE	LOCATION
S.R.Raja / ASP1 / MCA	STRATEGIC PLANNING ON INSTITUTIONAL DEVELOPMENT	28-2-2015	KLN College of Engineering, Pottapalayam, Sivagangai
S.R.Raja / ASP1 / MCA	Qual Net for Adhoc & Sensor Networks	25.3.2015 & 26.3.2015	QualNet for Adhoc & Sensor Networks Organized by TIFAC - CORE in Pervasive Computing Technologies, Velammal Engg. College, Chennai.
Dr. N.RaviaShabnamParveen AP(SG) /MCA	State Level Workshop on MATLAB	21.1.2015	Fatima College, Madurai
R.Baby Munirathinam AP2 /MCA	State Level Workshop on MATLAB	21.1.2015	Fatima College, Madurai
R.Baby Munirathinam AP2 /MCA	Analysis using Bluemix	26.2.2015	One day workshop on "Analysis using Bluemix" organized by IBM and conducted by Thiagarajar College of Engineering, Madurai

NAME AND DESIGNATION OF THE STAFF	RECOGNITION	DATE / LOCATION
Dr.A.Kannan, Professor	Program Committee Member(PCM) in 4th International Conference on Parallel, Distributed Computing Technologies and Applications (PDCTA-2015)	Pullman Sydney Hyde Park, Sydney, Australia held on 21.2-2015 & 22.2.2015
Dr.A.Kannan, Professor	Program Committee Member(PCM) in International Conference on Computer Science, Information Technology and Applications(CSITA-2015)	Royal Orchid Central, Bangalore, India Held on 28-03-2015 & 29-03-2015