

2011 CHENNAI CONFERENCES SCHEDULE

2011 International Conference on Information and Network Technology (ICINT 2011)
2011 International Conference on Applied Physics and Mathematics (ICAPM 2011)
2011 International Conference on Traffic and Logistic Engineering (ICTLE 2011)

Chennai, INDIA
April 29 -30, 2011

HOSTED BY
RMK ENGINEERING COLLEGE

Co-Sponsored by



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April 29, 2011(Friday)

Hotel JAYA PUSHPAM, Chennai

10 : 00 - 17 : 00	Arrival and Registration
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**Note: (1) You can also register at any time during the conference.
(2) Certificate of Participation can be collected at the registration counter.**

April 30, 2011(Saturday)

Venue : PONVANDU HALL

8 : 45 - 09 : 00	Opening Remarks
9 : 00 - 09: 40	Keynote Speech I Dr. K. Srinivasa Rao Srinivasa Ramanujan Academy of Maths Talent, India
09: 40-10: 20	Keynote Speech II Mr.Ramesh Khanna Tata Consultancy Services, India
10: 20-10: 40	Taking Photo & Coffee Break
10:40 – 11:20	Keynote Speech III Dr. N.Chandrasekaran Take Solutions Ltd, India

SESSION – I NETWORKS (ICINT 2011)
Venue: PONVANDU HALL
Session Chair: Dr.K.L.Shanmuganathan, Dr.K.Manivannan
Time: 11:30 – 12:30

T004	Deploying Modified HASH Based Message Authentication Code HMAC in MATLAB Using GUI Controls <i>B.Sridevi and Dr.S.Rajaram</i>
T014	Prediction of Risk Score for Heart Disease in India Using Machine Intelligence <i>K. Rajeswari , Dr. V. Vaithiyanathan and Dr.P. Amirtharaj</i>
T027	A Modified Conflict Detection Algorithm for Multiple Permission Assignments in Privacy Aware – RBAC Model <i>M Caroline Joan, N Jaisankar and A Kannan</i>
T028	Enhanced Authentication Protocol for Improving Security in 3GPP LTE Networks <i>J.Vijay Franklin and Dr.K.Paramasivam</i>
T032	Protocol Comparison Using Omni Directional Antenna with Shared Media Access in MANET <i>Nandita Pandey, Jasvinder Pal Singh and Vinod Kumar Tiwari</i>
T046	Spoof Attacks on Multimodal Biometric Systems <i>Zahid Akhtar , Sandeep Kale and Nasir Alfarid</i>
T049	Secure Learning Algorithm for Multimodal Biometric Systems against Spoof Attacks <i>Zahid Akhtar and Nasir Alfarid</i>
T30315	Suggesting Potency Measures for Obfuscated Arrays and Usage of Source Code Obfuscators for Intellectual Property Protection of Java Products <i>Praveen Sivadasan and P.Sojan Lal</i>

SESSION – II APPLIED PHYSICS AND MATHS (ICAPM 2011)
Venue: JP I HALL
Session Chair: Dr. K. Srinivasa Rao, Dr. A.Vijayakumar
Time: 11:30 – 12:30

P018	THE SOLUTION OF LATERAL HEAT LOSS PROBLEM USING COLLOCATION METHOD WITH CUBIC B-SPLINES FINITE ELEMENT <i>Necdet BİLDİK and Duygu Dönmez DEMİR</i>
P019	The Critical Current of the Superconductor Having an Array of Hole with de Gennes Boundary Condition <i>Harsojo Sabarman, Kamsul Abraha and Pekik Nurwantoro</i>
P021	Molecular and Electronic Structure Of 1-Naphtol : Ab Initio Molecular Orbital And Density Functional Study <i>G.Raja, K.Saravanan and S.Sivakumar</i>
P023	Numerical Scheme for Fredholm Integral Equations Optimal Control Problems <i>Mahmood Sanchooli and Omid SolaymaniFard</i>

P024	Characterization of Capacitively Coupled Radio-frequency Argon Plasma by Electrical Circuit Simulation <i>B. Bora, H. Bhuyan, M. Favre, E. Wyndham, H. Chuaqui</i>
P028	Output Regulation of the Liu Chaotic System <i>Sundarapandian Vaidyanathan</i>
P029	VORTEX INDUCED VIBRATION FOR AQUATIC CLEAN ENERGY <i>M.KAMAL RAJ and M.CHARAN RAJ</i>

SESSION – III TRAFFIC & LOGISTICS (ICTLE 2011)

Venue: JP II HALL

Session Chair: Dr. N.Chandrasekaran, Dr. Srikantha Dath T N

Time: 11:30 – 12:30

TLE8	Research of Safety Evaluation of U-turns at Signalized Intersections <i>Xu Ruo-ying, Kong Ling-zheng and Qin Li-jun</i>
TLE11	A Model for Transportation Safety in Accident Black Spots in Suburban Roads from Economical Optimization Point of View <i>Sayed Abbas Tabatebaei and Bahram Johari</i>
TLE13	Efficiency of Lane Layout in Order to Increase Reliability of Bus Service <i>Amiruddin Ismail and Mohammad Hesam Hafezi</i>
TLE16	IMPACT OF FLYOVERS IN DHAKA CITY OF BANGLADESH ON THE AFFECTED PEOPLE IN THE ADJACENT AREA <i>Md. Abu Taleb and Shamsuzzaman Majumder</i>
TLE18	Vehicle Speed Monitoring System [VSM] (Using RuBee Protocol) <i>G.Kirankumar, J.Samsuresh and G.Balaji</i>
TLE24	Contribution of New Intermodal Logistics Chain: Idea for the EU Future and Better Environment - Balkan Challenge <i>Natasa Gojkovic Bukvic</i>
TLE26	A Study on the Intercontinental Transportation Competitiveness Enhancement Plan between Northeast Asia and Europe using the Trans-Siberian Railway <i>Jiyoung Song and Hee-Seung Na</i>

12 : 30 - 13 : 30	Lunch Break
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SESSION – IV NETWORKS (ICINT 2011)
Venue: PONVANDU HALL
Session Chair: Dr.C.Jeyakumar, Dr.S.V.Nagaraj
Time: 13:30 – 16:00

T050	Performance Comparison of Elliptical Curve and RSA Digital Signature on ARM7 <i>Amit S. Bhala, Vivek P. Kshirsagar, Meghana B. Nagori and Mandar K. Deshmukh</i>
T052	Classification of Medical Images Using Support Vector Machine <i>Vanitha.L and Venmathi.A.R</i>
T059	Location Prediction Using Efficient Radial Basis Neural Network <i>Saikath Bhattacharya and Sudhansu Sekhar Singh</i>
T068	Secure and Reliable Ad-Hoc on Demand Multipath Distance Vector Routing Protocol for Mobile Ad Hoc Networks
T10056	Face Recognition Using K2dspca <i>Sudhir Kumar and Saoni Banerji</i>
T10057	Faculty Enablement for Enhancing Industry Readiness by Leveraging Power of IT <i>Srinagesh Chatarajupalli , Gopu Venkatswamy and A. R. Aryasri</i>
T10064	Comparative Analysis of Wavelet Transform and Wavelet Packet Transform for Image Compression at Decomposition Level 2 <i>Sanjeev Chopra and Deeksha Gupta</i>
T20120	Cognitive Analysis of Software Interfaces <i>B.Venkata Raju</i>
T20168	Number Plate Recognition for Indian Cars Using Morphological Dilation and Erosion with the Aid of Ocrs. <i>P.Anishiya and Prof. S. Mary Joans</i>
T20189	Automatic Evaluation of Cluster in Unlabeled Datasets <i>M.Krishnamoorthi</i>
T20208	Route Cache Mechanisms in DSR Protocol – A Survey <i>Naseer Ali Husieen, Osman B Ghazali, Suhaidi Hassan and Mohammed M. Kadhum</i>
T20209	Synchronization in Digital Systems <i>Ranjani M. Narasimhamurthy</i>
T20215	Adapting Robot Behaviour for Human- Robot Interaction <i>G.John Christopher, S.Preethi and S.Jailani Beevi</i>
T20272	Preprocessing of Microarray by Integrated OSR and SDF Approach for Effective Denoising and Quantification <i>J.K.Meher, P.K.Meher and G.N.Dash</i>
T30281	Binary Association Rule Mining Using Bayesian Network <i>Venkateswara Rao Vedula and Satish Thatavarti</i>
T30294	Motion Detection Based Interactive Surveillance Systems for Mobile Clients <i>P. Rajkumar and V.P. Gladis Pusupa Rathi</i>
T30321	Stegano-CryptoSystem for enhancing Biometric-Feature Security with RSA

	<i>Pravin M.Sonsare and Shubhangi Sapkal</i>
T30357	Mobile Backhaul Network <i>R.G.Kaduskar and Aditya D. Kavishwar</i>

SESSION – V APPLIED PHYSICS AND MATHS (ICAPM 2011)

Venue: JP I HALL

Session Chair: Dr. S.Krishnan, Dr. P.Ramasamy

Time: 13:30 – 16:00

P039	Performance Analysis of an Otto Engine with Ethanol and Gasoline Fuels <i>Rahim Ebrahim</i>
P040	Effect of Ethanol-air Equivalence Ratio on Performance of an Endoreversible Otto Engine <i>Rahim Ebrahim, Mahmoud Reza Tadayon, Farshad Tahmasebi Gandomkari and Kamyar Mahbobian</i>
P044	Effects of Cut-off Ratio on Performance of an Endoreversible Dual Cycle <i>Rahim Ebrahim, Kamyar Mahbobian and Farshad Tahmasebi Gandomkari</i>
P045	Effect of Niobium/Molybdenum microalloying on SS316LN steel. <i>Jyoti Prakash Dhal and Subash Chandra Mishra</i>
P050	Effect of Plasticizers on ion Transport Properties of PEO+NH ₄ PF ₆ Polymer Electrolyte System – Dielectric Studies <i>Kuldeep Mishra and D.K. Rai</i>
P051	Novel Materials as Interlayer low-k Dielectrics for CMOS Interconnect Applications <i>Tejas R. Naik, Veena R. Naik and Nisha P. Sarwade</i>
P052	Alfvén Surface Waves in a Partially Ionized Resistive Medium <i>Nagendra Kumar, Vinod Kumar and Himanshu Sikka</i>
P053	Modeling and Calculation of the Algorithm Structure of Compound Semiconductor-Type A ³ B ⁵ <i>Iskakova K.A. and Akhmaltdinov R.F.</i>
P054	APPLYING DIFFERENT LEARNING RULES IN NEURO-SYMBOLIC INTEGRATION <i>Saratha Sathasivam</i>
P055	Determination of Complex Permittivity of Fly Ash for Potential Electronic Applications <i>D Karthik, V Naren Sreenivas, V Aravinth Kumar, V D Sidharth, T Meenatchi Sundaram, Soumitro Sarkar, Sabarish Narayanan B</i>
P10011	Statistical Study of Geomagnetic Storms during Year 1996-2007 <i>Balveer S. Rathore, Subhash C. Kaushik, K. K. Parashar, Rammohan S. Bhadoria and Dinesh C. Gupta</i>
P10022	Simulation BeSe Nanowires in Two Phases Zinc-Blende and Wurtzite using Density

	Functional Theory <i>Mina Alimohammadi and Ali mokhtari</i>
P20013	On True Face of Magnetic Field <i>G H Jadhav</i>
P20022	Grid Fault Analysis of Unbalanced Loaded DFIG <i>Bhanu Raghava Prakash.R, Trinath.K and Sundeep S</i>
P20023	Calculation of Viscosity Coefficient of Moderately Dense Fluids from the Modified SAFT-BACK Equation of State <i>Ali Maghari and Saeed Pourasad</i>
P20024	Studies of Asymmetric Hysteresis Loops and Leakage Current Behaviors in Pt/Al ₂ O ₃ /SiO ₂ /Si /PZT/Au Structures Prepared by MOCVD Method <i>Masruroh and Masayuki TODA</i>
P20025	DIP COATED THICK FILMS OF SnO ₂ AND IT'S ETHANOL SENSING PROPERTIES <i>B.Bharath and G.Pradeep reddy</i>

SESSION – VI TRAFFIC & LOGISTICS (ICTLE 2011)

Venue: JP II HALL

Session Chair: Dr.N.K.Rajan, Dr. Binu Sukumar

Time: 13:30 – 16:00

TLE27	CAN-GSM based Automation System on Heavy Earth Moving Vehicles <i>L. Jayaraju, A.Venkata Srinivasa Rao and B. N. Srinivasa Rao</i>
TLE30	Advanced Pre-Warning System (Railways) <i>Uvaraja.S and Raghav Prashanth.V</i>
TLE501	Drunken Driving and Rash Driving Prevention System <i>T.Shyam Ramanath, A.Sudharsan, A.Hitler Manoj and E.Sabareesan</i>
TLE503	Mathematical Models for Predicting Roadway-Characteristics-and-Level-of-Service-Dependent Travel Times in Rural Roads in Thailand <i>Ich Siriprasert and Pongtana Vanichkobchinda</i>
TLE504	Simulation Approach on the Performance Analysis of Rental Vessels Transportation and Shipment Management <i>Asmuliardi Muluk and Suhaiza Zailani</i>
TLE512	Characteristics of Traffic in a Highly Congested Motorway in Urban Area in Jakarta-Indonesia <i>Fergyanto E. Gunawan</i>
TLE519	TRAFFIC ACCIDENTS IN LIBYA

	<i>Hussin. A.M.Yahia and Amiruddin Ismail</i>
TLE539	Microcontroller Based Uninterrupted Power Supply System with Dual Charging Capability Realized using PWM Technique <i>Nasar A., S. Vijayaraj and Aju K Zachariah</i>

16 : 00 - 16 : 30	Tea Break
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SESSION – VII NETWORKS IV NETWORKS (ICINT 2011)

Venue: PONVANDU HALL

Session Chair: Dr.G.Gangatharan, Dr.P.Rangarajan

Time: 16:30 – 18:00

T30359	Evaluation of Markov Blanket Algorithms for fMRI Data Analysis <i>Mr. S. A. Agrawal , Dr. M. S. Joshi , Prof. M. B. Nagori and Mr. T. N. Mane</i>
T30360	Security in Voip Network Using Neural Network and Encryption Techniques <i>Ashwini Galande, Dattatraya Londhe and Mangesh Balpande</i>
T30364	Identity Engines: Ensuring Authentication, Authorization, and Audit across Network <i>Sumit Kalra, Vikas Grover and Vipin Kumar Goyal</i>
T30374	Comparative Analysis of DSR, FSR and ZRP Routing Protocols in MANET <i>S. Sathish, K. Thangavel and S. Boopathi</i>
T30377	Comparison of Encryption Levels for Image Security Using Various Transforms <i>K.Sumathy and R.Tamilselvi</i>
T30378	Flight Video Transmission for Surveillance <i>G.Sasikala and M.S. Varadarajan</i>
T30380	QoS Routing by Ad-Hoc on Demand Vector Routing Protocol for MANET <i>Ashwini V. Biradar, Veeresh G. Kasabegoudar and Shiveleela S.Mudda</i>
T30396	Remote Patient Monitoring- An Implementation in ICU Ward <i>Arun E , Marimuthu , Pradeep and Karthikeyan M</i>

SESSION – VIII APPLIED PHYSICS AND MATHS (ICAPM 2011)

Venue: JP I HALL

Session Chair: Dr. K. Srinivasa Rao, Dr. A.Vijayakumar

Time: Time: 16:30 – 18:00

P20027	Fuzzy Based Automatic Insulin Injector Simulation Aided By Online Doctor Consultation Using LabVIEW <i>K.A.Sunitha, N.Senthil Kumar, K.Prema, G.Sai Deepthi and Jennifer Elizabeth</i>
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	<i>Belinda.E,</i>
P20028	Stochastic Trajectories of Beads in the Galton-Board <i>M. Nuñez, A. López-Villa, C. A. Vargas and A. Medina</i>
P20029	Super Accelerated Flow in Diverging Conical Pipes <i>G. J. Gutierrez, A. López-Villa, A. Torres, S. Peralta and C. A. Vargas</i>
P20044	Study of Adsorption Properties of O ₂ , CO ₂ , NO ₂ and SO ₂ on Si-doped Carbon Nanotube Using Density Functional Theory <i>M. R. Sonawane and B. J. Nagare</i>
P20045	GRAPH APPLICATIONS TO DATA STRUCTURES <i>V.Manjula</i>

Instructions for Oral Presentations

Devices Provided by the Conference Organizer:

Laptops (with MS-Office & Adobe Reader)

Projectors & Screen

Laser Sticks

Materials Provided by the Presenters:

PowerPoint or PDF files

Duration of each Presentation (Tentatively):

Regular Oral Session: about 13 Minutes of Presentation 2 Minutes of Q&A

Keynote Speech: 30 Minutes of Presentation 5 Minutes of Q&A

Conference Venue



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JP HOTEL was established on the 25th of August, 2010. It is conveniently located close to the airport & railway stations at just 8 kilometers of distance. It is equipped with comprehensive business facilities to cater to the needs of discerning business clientele. Mr.J.Ashok is the Managing Director of JP hotel. We are Synonymous with traditional hospitality & a modern day facility to meet the key needs of today's traveler. The hotel is also well equipped to host meetings & conferences. We place all our resources at your disposal. The hotel prides itself on the friendly and courteous way it looks after its Guests. Refined design details and impeccable service, it offers the best of modern technology. We are supportive & helpful just when you need it assuring to meet your satisfaction. Our motive is to provide beyond the guests needs & all sorts of comfort, to feel at home when they walk in to our hotel. We are keen to conquer your heart & evolve into harmonious association leading to mutual success. Hotels is Located just opposite to Asia's Largest "Chennai Mofussil Bus Terminus – Koyambedu" and also centrally located between Airport and Chennai Railway station within 8kms.

The accommodation for authors will not be provided by the conference organizer. The authors are requested to make their own arrangement for accommodation. For details about the hotels in Chennai and to book the hotels contact

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