

# **NOORUL ISLAM COLLEGE OF ENGINEERING**

Kumaracoil, Kanyakumari District, Tamilnadu – 629 180

## **FIRST NATIONAL CONFERENCE ON NETWORKS, IMAGE & SECURITY**

# *NIS '08*

**14<sup>th</sup> & 15<sup>th</sup> March 2008**

## **PROGRAMME SCHEDULE**

**Organized By**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Noorul Islam College of Engineering,  
Kumaracoil

**in association with**

**THE INSTITUTION OF ENGINEERING & TECHNOLOGY – UK**

Younger Member Section (IET–YMS)  
Chennai Network

**Convener**

**Prof. S.Suresh Kumar**

Head, Dept. of Information Technology, NICE  
Joint Secretary, IET-YMS Chennai Network

**Co-ordinator**

**Prof. V.Kavitha**

Dept. of Information Technology, NICE

## **NIS '08 :: Inaugural Function**

**Date** : **14 – 03 – 2008**  
**Time** : **10.00 AM to 11.00 AM**  
**Venue** : **Auditorium I**

### **Prayer Song**

**Welcome Address** : **Prof.V.Kavitha**  
Coordinator, NIS'08

**Report on NIS'08** : **Prof.S.Suresh Kumar**  
Head, Dept of IT, NICE  
Joint Secretary IET-YMS Chennai Network

**Presidential Address** : **Dr.K.Thyagarajan**  
Principal, NICE

**Inaugural Address** : **Dr.S.Annadurai**  
Principal, GCT Coimbatore

**Special Address** : **Dr.L.Ganesan**  
Prof & Head, Dept of CSE,  
A.C. College of Engg. & Tech, Karaikudi

**Vote of Thanks** : **Prof.P.Mohamed Shameem**  
Dept of IT, NICE

## SESSION TS-01

**Date** : 14/03/2008  
**Time** : 11:00 AM to 1:00 PM  
**Venue** : Conference Hall I  
**Chair Person** : Dr. S. Annadurai  
 Principal, GCT, Coimbatore  
**Co Chair Person** : Prof. C. Helen Sulochana  
 Dept. of ECE, NICE  
**Observer** : Ms. T. Subha Jayanthi  
 Lecturer, Dept. of IT, NICE

C. No	Title	Authors	Institution
I001	Oriented Wavelet Transform On A Quincunx Pyramid For Image Compression	P.Prabhakaran R. Satyabama	Government College of Technology, Coimbatore
S020	Finger Print Analysis	D.Annie Sharmila P.N Jebarani Sargunar	SSN college of Engineering
S007	Obtaining Secure Compressed Data Using ISAC	E. Wiselin Kiruba	Francis Xavier Engineering College
N019	A New Packet Reordering NS-2 Error Model And Their Performance On High Speed Protocols	V.Kavitha	Dr.Sivanthi Aditanar College of Engineering,
I007	Automatic segmentation of caudate nucleus of mr images	K.Kartheeswari Dr.K.Muneeswaran Jeny Rajan K.Kannan	Mepco Schlenk Engg. College, Sivakasi
I004	Mining analysis of computing rule confidence in rough set theory	P.Ramasubramanian K.Iyakutti P.Thangavelu	Infant Jesus College of Engg Madurai Kamaraj University
S005	Provably secure three-party authenticated quantum key distribution protocols	M.John.S.Kumar M.Babu	GKM College of Engg & Tech

## SESSION TS-02

<b>Date</b>	<b>:</b>	<b>14/03/2008</b>
<b>Time</b>	<b>:</b>	<b>11:00 AM to 1:00 PM</b>
<b>Venue</b>	<b>:</b>	<b>Conference Hall II</b>
<b>Chair Person</b>	<b>:</b>	<b>Dr. L. Ganesan</b> Prof. & Head, Dept. of CSE, A.C. College of Engg. & Tech, Karaikudi
<b>Co Chair Person</b>	<b>:</b>	<b>Prof. S.Joseph Jawhar</b> HOD, Dept. of EEE, NICE
<b>Observer</b>	<b>:</b>	<b>Ms. R. Fany Bourgia</b> Lecturer, Dept. of IT, NICE

C. No	Title	Authors	Institution
I002	Analysis Of Frequent Item Set Algorithms In Association Rule	Dr.A.Clementking G. Angel Latha Mary	Loyola College, Chennai; Sree Ramakrishna Engg. College
I003	Loss Less Data Compression Using Parallel Dynamic LZW Algorithm	K.Venkateswari C.Vasanthanayaki	Govt College of Technology, Coimbatore
S001	Mitigating The Distributed Denial Of Service Attacks For Sustaining The Availability Of Web Services	P.Murali T.Brindha	PMCTW, Thanjavur
N009	System Level Interconnect Width Prediction For Faster Optimal Routing	Iyer Poornima Subramaniam D.V.V.Prasad	SSN College Of Engineering
S008	Distance Method Algorithm For Fingerprint Analysis	R.Jayabrabu S.Saritha G.Amirthyogam	Rajiv Gandhi College of Engineering and Technology,
S006	Distributed Keyword Search And Information Retrieval Using Pfusion Architecture	R.Kannan M.BABU	GKM college of Engg & Tech
S010	Mapping Of Model Driven Database In To SQL Implementation	Sankar Mondal S. Sivasubramaniam	Bharath University, Chennai

## SESSION TS-03

**Date** : 14/03/2008  
**Time** : 2.00 PM to 4:30 PM  
**Venue** : Conference Hall I  
**Chair Person** : Dr. S. Annadurai  
 Principal, GCT, Coimbatore  
**Co Chair Person** : Prof. C. Helen Sulochana  
 Dept. of ECE, NICE  
**Observer** : Ms. J. Femila  
 Lecturer, Dept. of IT, NICE

C. No	Title	Authors	Institution
S009	Authentication Of Noisy Messages Using Noise Tolerant Message Authentication Code	P.Murugeswari K.Mala	Mepco Schlenk College of Engineering
N015	Dynamic Feedback Scheduler For Multiprocessor	Jestin Rajamony Dr.K.Ramar	CSI Institute of Technology
S012	Mining Of Biological Database	S.Cihra Ms.S.Kavitha	SSN College of Engg
S004	A Secure Communication Trees In Ad-Hoc Networks	Esther Leethiyal	Francis Xavier Engg College
I005	Modulation And Demodulation Of Chaotic Signal By M-DCSK Technique	S.A.Saktheesh	Sri Sairam Engineering College
N006	Manet Simulation Model And Route Optimization Using ACO	M.Kausalya G.Prema C.Aravindhan K.Kannan R.Maheswaran	SSN College of engg, SASTRA University, Mepco
N010	Accessing Multimedia Files Using Multi-Source Approach In P2P Wireless Networks	R.Prakash J.Suresh	SSN college of Engineering, Chennai

## SESSION TS-04

<b>Date</b>	:	<b>14/03/2008</b>
<b>Time</b>	:	<b>2:00 PM to 4:30 PM</b>
<b>Venue</b>	:	<b>Conference Hall II</b>
<b>Chair Person</b>	:	<b>Dr. L. Ganesan</b> Prof. & Head, Dept. of CSE, A.C. College of Engg. & Tech, Karaikudi
<b>Co Chair Person</b>	:	<b>Prof. S.Joseph Jawhar</b> HOD, Dept. of EEE, NICE
<b>Observer</b>	:	<b>Ms. Y. Jaya Sheela</b> Lecturer, Dept. of IT, NICE

C. No	Title	Authors	Institution
S015	A Practical Password Based Two-Server Authentication And Key Exchange System	G.Aswathy Priyadharshini Dr.V.Sadasivam	Manomanium Sundaranar University Tirunelveli
S002	Secure Data Transmission Through Advanced Encryption Standard Using VHDL	A.Umameswari Meena Srinivasan	Government College Of Technology
N014	Distributed Group Communications In Mobile Ad Hoc Networks	A.Ferdinand Christopher Sherlin Sam.S	Noorul Islam College Of Engineering
N005	A Realistic Mobility Pattern For Adaptive Manet Simulation Environment	Mary Little Flower	Mepko Schlenk Engg. College, Sivakasi
N008	EFGC-A Priority Based Call Admission Control Scheme For Integrated Wireless Networks	C.Ellammal	Karpagam College Of Engineering, Coimbatore
I006	Biclustering Of Fuzzy Granular Gene Selection	K.Hemakumaran S.Kavitha	SSN College Of Engineering, Chennai

## SESSION TS-05

**Date** : 15/03/2008  
**Time** : 10:30 AM to 12:00  
**Venue** : Conference Hall I  
**Chair Person** : **Dr. S. Selva Kumar**  
 Prof. & Head, Dept.of CSE,  
 National Institute of Technology, Trichy  
**Co Chair Person** : **Prof. T. Krishna Swamy**  
 HOD, Dept. of ECE, NICE  
**Observer** : **Ms. T. Subha Jayanthi**  
 Lecturer, Dept. of IT, NICE

C. No	Title	Authors	Institution
N002	An Improved Adaptive Scheduling Algorithm For Global Resource Allocation In Grid Environment	M.Prakash S.Baghavathi Priya Dr.K.K.Dhawan	Vel Tech Engineering College
N001	Mobile Agent Based Service Request Broker For Pc-Based Grid Computing	Dr.R.Shanmugalakshmi G.Saravanan	Government College Of Technology, Coimbatore
N013	Preventing Routing Misbehavior In Manets Against Selfish Nodes	K.M .Arivuchelvan A. Karthik Raja	PMCTW, Thanjavur
S003	Collaborative Contribute Group Key Agreement And Authentication Protocols For Dynamic Peer To Peer Networks In Wireless Environment	A.Venkata Ramana Dr.S.Jayakumar	Thiruvalluvar College Of Engg. And Tech
S026	Real Time System Processor's Overload Identification	Jestin Rajamony T.Kanimozhy K.Ramar A.V.Suriyakala	CSI Institute Of Technology
N007	Lifetime Elongation With Mobile Sink In Wireless Sensor Networks	M.S.Godwin Premi T.Jingo K.S.Shaji	Sathyabama University
S011	Medical Alert System Using RFID Tag	V. Hemamalini R.Jayabrabu A.Susi G.Amirthayogam	S.A. Engineering College Rajiv Gandhi College Of Engineering

## SESSION TS-06

**Date** : 15/03/2008  
**Time** : 10:30 AM to 12:00  
**Venue** : Conference Hall II  
**Chair Person** : Prof. T . Jebarajan  
 HOD, Dept. of CSE, NICE  
**Co Chair Person** : Prof. Dev. R. Newlin  
 Dept. of ECE, NICE  
**Observer** : Ms. R. Fany Bourgia  
 Lecturer, Dept. of IT, NICE

C. No	Title	Authors	Institution
N003	Digital Radar Using C Interface	ETB.Samuel Jigme Harrison	St.Joseph's College of Engineering
N004	Crafty Veiling Of Furtive Data Under SMS	J.Jasmine Selvathai	Francis Xavier Engineering College
N020	PGB Based Tenable Mail Gateway With POP Authentication	S.V. Evangelin Sonia J.Abini Cross L.V.Arun Shalin N.Chenthil Kumaran	Vins Christian College of Engineering
S023	False Rate Analysis That Reflects The Effectiveness Of A Biometric System	R.Rajalakshmi D.Sophin Seeli	Noorul Islam College of Arts and Science
I017	Face Detection Using DT-CWT Space	R.P. Anto Kumar A.X. Eubin Shanth Vijish Jose	St.Xavier's Catholic College of Engineering
I019	Content-Based Image Retrieval By Shape Matching	R.P. Anto Kumar V.Gnana Graba P. Prazilin Sonia	St.Xavier's Catholic College of Engineering.

## SESSION TS-07

**Date** : 15/03/2008  
**Time** : 1:30 PM to 2:30 PM  
**Venue** : Conference Hall I  
**Chair Person** : Prof. M.K Jeya Kumar  
 HOD, Dept. of MCA, NICE  
**Co Chair Person** : Prof. S. Maria Celestine Vigila,  
 AP, Dept. of IT, NICE  
**Observer** : Ms. J. Femila  
 Lecturer, Dept. of IT, NICE

C. No	Title	Authors	Institution
I027	A Novel Approach For Texture Classification Using Wavelet Transform	T.Sudhan S.Suresh Kumar, L. Ganesan	N.I. College of Engg
I026	Texture Classification Using Wavelet Based Laws	P.Raja pandi S.Suresh Kumar, L. Ganesan ,	N.I. College of Engg
I029	Classification Of Color Texture Images Using Wavelet Based GLCM	S.Suresh Kumar, Daya.M.Krishnan	N.I. College of Engg
S016	Spoofing Prevention Method	S.R. Chitra J.P. Divya	St.Xavier's C College of Engg.
I020	Implementation Of Color Demosaicing Using Variance Of Color Differences	G.S.S. Jose C.A.S. Arun R. J.A. Prasanth	St.Xavier's C College of Engg.
S017	A Framework For Misuse Detection In Ad Hoc Network	R.P. Anto Kumar V. Virjin Sonia E. Mary Bearly	St.Xavier's C College of Engg.
S019	Efficient Authenticated Key Agreement Protocol Resistant To Denial Of Service Attacks	A. Subitha T.Meeha H.Mabhel	St.Xavier's C College of Engg.
I021	Digital Image Processing Techniques For The Detection And Removal Of Cracks In Digitized Paintings	R.P. Anto Kumar M.Ragunathan Harold Mohandas	St.Xavier's C College of Engg.
S031	The Steganographic Content Posing Security Threat On The Internet	D.C. Joy Winnie Wise Lekshmi.S	N.I. College of Engg

## SESSION TS-08

<b>Date</b>	<b>:</b>	<b>15/03/2008</b>
<b>Time</b>	<b>:</b>	<b>1:30 PM to 2:30 PM</b>
<b>Venue</b>	<b>:</b>	<b>Conference Hall II</b>
<b>Chair Person</b>	<b>:</b>	<b>Prof. A. Albert Raj</b> HOD, Dept. of EIE, NICE
<b>Co Chair Person</b>	<b>:</b>	<b>Prof. D.C. Joy Winnie Wise,</b> Dept. of IT, NICE
<b>Observer</b>	<b>:</b>	<b>Ms. Y. Jaya Sheela</b> Lecturer, Dept. of IT, NICE

C. No	Title	Authors	Institution
I028	Contourlet Transform Based Image Denoising	N.Sugitha, Greeshma.C.S.Nair	N.I. College of Engg
I031	Palmprint Verification Based On Datum Point And Line Feature Matching	R. Mathu Soothana S. Kumar, M. Ravi	N.I. College of Engg
S030	Certified Electronic Mail Protocol Defiant To A Minority Of Malicious Third Parties	P.Mohamed Shameem S.P.Tamil Vetti Sudar	N.I. College of Engg
S029	Electronic Mail Security Based On Fair Non-Repudiation Protocol With TTP	P.Mohamed Shameem K.J.Shyama	N.I. College of Engg
I018	Recovery Of Image Blocks Using The Method Of Alternating Projections	R.P. Anto kumar S.Asha Surya P.Vimala Imogen	St.Xavier's C College of Engg.
N022	Depth-Latency Tradeoffs In Multicast Tree Algorithms	R.P. Anto Kumar S. Anu Priyadharsini E. Evelyn Tabitha	St.Xavier's C College of Engg.
S018	Enhanced Secure Password Based Authentication System	A. Sherly Alphonse J. Raguvaran M.Joseph Kavin	St.Xavier's C College of Engg.
S027	Efficient Pairwise Rna Structure Prediction Using Probabilistic Alignment Constraints In Dynalign	M.Jereesha Mary M.Arumugam R.Navin	St.Xavier's C College of Engg.
N023	Efficient Qos Partition And Routing Of Unicast And Multicast	R.P. Anto Kumar A.Geetha Vani C.Jackulin	St.Xavier's C College of Engg.
I030	Deterministic Biclustering Of Microarray Data-An Efficient Approach	K.R. Vivek, V.Mary Amala Bai	N.I. College of Engg

## **NIS '08 :: Valedictory Function**

**Date** : 15 – 03 – 2008  
**Time** : 3.00 PM to 4.00 PM  
**Venue** : Auditorium I

### **Prayer Song**

**Welcome Address** : **Prof. R. Mathu Soothana S. Kumar,**  
Dept. of IT, NICE

**Presidential Address** : **Dr. K. Thyagarajan**  
Principal, NICE

**Valedictory Address** : **Mr. L. Thyagarajan FIET**  
Chief Electrical Engineer (Retd.),  
General Manager (Retd.),  
Railway Electrification Organisation  
Southern Railway.

**Felicitation** : **Dr. S. Selvakumar**  
Head, Dept. of CSE,  
National Institute of Technology

**Certificate Distribution:** **Dr. A. P. Majeed Khan**  
Chairman, NICE

**Vote of Thanks** : **Mr. S. P. Tamil Vetti Sudar**  
President, NICE – IET Student Chapter

### **National Anthem**

## Advisory Committee

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**Mr. Pandian**

Seceretary, IET-UK Chennai Network

**Mr. L. Ramesh**

Chairman, IET-YMS Chennai Network

**Mr. K. Senthil Kumar**

Seceretary, IET-YMS Chennai

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Head, Dept. of IT, NICE.

**Co-ordinator** : **Prof. V. Kavitha**

Dept. of IT, NICE.

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**Ms. R. Fany Bourgia**

Lecturer, Dept. of IT, NICE