

2nd International Conference on BioMedical Informatics and Signal Processing

Venue: SSN College of Engineering, Chennai.

Date: 13-14 March, 2009

Program Schedule

Day 1		Friday March 13-2009
08:00 to 09:00 AM		Registration
09:00 to 10:00 AM		Inauguration
<p>Inauguration By Dr.G.Ravindran President, Biomedical Engineering Society of India Chairman, Faculty of Information and Communication Engineering (ICE), Anna University, Chennai</p>		
10:00 to 10:15 AM		Tea Break
Session I		
10:15 to 11:15 AM		Keynote Address
<p>Biomedical Informatics BioMedical Informatics in the 21st century Dr. Syed Haque Chair Person- Department of Health Informatics. University of Medicine and Dentistry of New Jersey – School of Health Related Professions, New Jersey, USA</p>		
Parallel Session A Venue: Main Hall	Parallel Session B Venue: MCA Hall	Parallel Session C Venue: Mini Auditorium
11:15 to 13:00 PM		

Session I-A Medical Image Processing	Session I-B Health Information Systems -I	Session I-C Biomedical Modeling and Devices-II
<p>Biomedical Image Processing & Molecular Imaging (Invited paper) Prof. Dr.Dinesh Mital Department of Health Informatics, UMDNJ, U.S.A.</p> <p>Rural Health Care through Technology (Invited paper) Dr.Sanjay Sharma Vice President - Operations Neurosynaptic Communications,Bangalore</p> <p>Colour Image Processing For Medical Applications (Invited paper) Dr.Ramesh Head/BME Dept,MIT Manipal Dr.Suresh Mediscans</p> <p>Invivo & Insilico Analysis of Herbal Components for Antidiabetic Activity (Invited paper) Dr. Daisy Head of the Department, Botany Department, Holy cross College, Trichy.</p> <p>BIOMEDIAL IMAGES IN TELEMEDICINE USING MODIFIED APPROACHES: ISSUES AND IMPLEMENTATION H. Lilly Beulah1 Dr. R.Samson Ravindran2 Dr. RM. Suresh K.Thangaraj4 1 Research Scholar, Vinayaka Missions University , Salem beaula_h@yahoo.com 2 Principal C.S.I. Polytechnic College , Salem samson_ravi@yahoo.com 3 Vice Principal, HOD & Prof. in CSE, R.M.D. Engineering College ,Chennai rmsuresh@hotmail.com 4 Senior Lecturer/CSE, C.S.I. Polytechnic College , Salem</p>	<p>Design and Development of web based ECG monitoring system using Lab VIEW 1) S.Vivekanandan, 2) P.raghunathan School of Electrical Science VIT University-Vellore, Tamilnadu, India</p> <p>Impact Of Nisha Cyclone On Leptospirosis (Rat Fever) 1) Thiruvengadam S , Sree Sastha Institute of Engineering and Technology. Chennai</p> <p>Non-Invasive Observation Of Micro Vascular Vasomotive Activity Using Laser Doppler And Lab View 1) R.Arangasamy Paavai Engineering College, Namakkal</p> <p>Trust Based Security Using Subjective Logic and Biometric Authentication in Wireless Biomedical Sensor Networks 1) Rajeswari Mukesh 2) M.Padmapriya Easwari Engineering College, Chennai</p> <hr/> <p><i>Establishing Telemedicine Information Center In India For Rural Health Care And Development</i> 1) <i>Dinesh Kumar.A</i> <i>Rajalakshmi Engineering College</i></p> <p><i>Effect Of Click Stimuli And Speech Bursts On Cortical Processing</i> 1) <i>Pearl Edna D'Costa,</i> 2) <i>Prakrithi S. Udupa,</i> 3) <i>Kaushlendra Kumar,</i> 4) <i>Dr.Jayashree. S. Bhat</i> <i>Kasturba Medical College (KMC) Mangalore-1</i></p>	<p>Internal Model Control Design For Blood Glucose In Diabetic Patients 1) Mr. R. Sriram Meenakshi College of Engineering</p> <p>Novel Cortisol Biosensor in Stress Management 1) Hari Krishnan nair A, 2) Diana Varghese Rajiv Gandhi College of Engineering and Technology Puducherry.</p> <p>A Simulation Study To Determine The Electric Field And Energy Distribution For The Electroporation Technique Used In Cancer Treatment 1) Raghavan.K Crescent Engineering College</p> <p>Ultrasound carotid artery image segmentation using shape prior technique 1.N.Santhiyakumari Department of ECE, K. S. Rangasamy College of Technology, Tiruchengode</p> <hr/> <p><i>Gait Co-ordination: potential marker for mental state</i> 1) <i>Deepak Joshi,</i> 2) <i>Rahul Ribiero,</i> 3) <i>Shakti Srivastava,</i> 4) <i>Sneha Anand,</i> 5) <i>Dhrujati Majumdar.</i> <i>Kasturba Medical College (KMC) Mangalore-1</i></p> <p><i>Integrated Intelligent Computing models In medicine</i> R. B. Mishra Babita Pandey IT-BHU, Varanasi, India</p>
13:00 to 14:00	Lunch Break	
14:00 to 15:15 PM		

Session II-A Biomedical Signal Processing-I	Session II-B Bioinformatics	Session II-C Health Information Systems-II
<p>Design and Development of Brain-Computer Interface for physically and mentally impaired patients (Invited paper)</p> <p>Dr.Sriraam Professor, Head of the Department - Biomedical Engineering Department, SSN College of Engineering, Chennai.</p> <hr/> <p><i>Re-Inforced Sequential Search Based Genetic Algorithm For Nonlinear Fuzzy Control Problems</i></p> <ol style="list-style-type: none"> 1) <i>Ajith R,</i> 2) <i>Jagadish MR,</i> 3) <i>Karthik V,</i> 4) <i>Kavin Kumar J,</i> 5) <i>Manikandan Hk,</i> 6) <i>Sunil Nag P (Project Guide)</i> <p><i>Amrita Vishwa Vidyapeetham, Coimbatore</i></p>	<p>Insilico Molecular sequence analysis of Rheumatoid Arthritis 1) K.B.Ramesh R.V.College of Engineering, Bangalore</p> <p>Closed Loop Control System Design Used For Continuous Drug Infusion For Type I Diabetes 1) Surekha Kamath ICE MIT MANIPAL</p> <p>Dna Isolation From Sclerotium Rolfsii And Intrafusion Of Penicillium Chrysogenum For The Production Of Penicillin By Fermentation 1) K.Valarmathy 2) M.Sukumar MVJ College of Engineering, Bangalore</p> <p>Comparative Genomics Of Mycoplasma Genitalium & Mesoplasma Florum Pertaining To Consensus Drug Target Identification 1) Suresh.L.N, 2) Dr.V.Umashankar, 3) K.Ashok Kumar Sree Sastha institute of Engineering and Technology, Chennai. Sree Sastha Institute of Engineering and Technology, Chennai. SRM UNIVERSITY, RAMAPURAM CAMPUS, Chennai – 600 089</p> <p>Homology Modeling Of The Protein Timp Metallopeptidase Inhibitor 3 Using Swiss Model S.Parvathi priyadharshini, Final year, B.Tech- IBT, Government college of technology, Thadagam road,Coimbatore.</p> <hr/> <p><i>Comparison Of Rgs4 And Nrg1 Proteins For The Identification Oflead Molecules In Schizophrenia</i> 1) <i>Sivapriyaa.S.N,</i> 2) <i>Nandini Swaminathan</i> <i>SRM University</i></p> <p><i>Potential Qs Targets For The Inhibition Of P. Aeruginosa Virulence</i></p>	<p>Information Security, Data Privacy and Compliance 1) Bhuvaneshwari.M, 2) Chaya kulkarni, 3) Muthukumar.B Rajalakshmi College of Engg, Sri Venkateswara College of Engg, Gemini Communication Ltd</p> <p>Measurement And Analysis Of Plantar Temperature,Pressure And Moisture For Diabetic Patients 1) AARTHICKA R R MVJ College Of Engineering</p> <p>A Review of Telemedicine in Defence Scenario 1) Deepa Prabhu, 2) Sumathi S. R 3) P. S. Pandian 4) D. T. Shakuntala 5) Anuradha Srinivas 6) Uma Maheshwari V. M. 7) Mohan Velu K 8) Madhabi Sarkar 9) Safeer K. P. 10) Pragati Gupta 11) Dr. B. S. Sundersheshu, 12) Dr. V. C. Padaki Defence Bioengineering and Electromedical Laboratory, Bangalore</p> <p>STANDARDIZATION OF BIOMEDICAL SIGNAL FORMAT - FILE EXCHAGE FORMAT 1.P.Chinniah College of Engineering, Guindy,Anna University, Chennai</p>

15.15 to 15.30 PM		Tea Break
15:30 to 16:30 PM		
Session III-A Clinical Engineering	Session III-B Imaging in Healthcare-I	Session III-C Health Information Processing-I
<p>Challenges and Solutions for managing clinical trials (Invited paper) Dr. Shankar Srinivasan Department of Health Informatics., UMDNJ, U.S.A.</p> <p>Clinical Research & Clinical Data management - A Perspective (Invited paper) Ms.Vidya Navile - Manager & Mr.Arvind Jegadeesan - Manager ICON Clinical Research India Pvt. Ltd.,</p> <p>Health Information Exchange (Invited paper) Prof Shivaram President,Televital India Ltd Bangalore</p> <p>Paper from ICON by Krishnamoorthy</p>	<p>Diag-AID : A diagnostic aid for medical image enhancement and documentation of experts' interpretation 1.Keerthana Prasad Manipal University</p> <p>Development of Open Source Algorithm for Recognition of Human Iris Pattern in Biometric System using Matlab 1. Lavanya K.G. 2. Himabindu P 3. Renuka H 4. Binis V 5. Deepa 6. Mallikarjun S. Holi Department of Biomedical Engineering, Bapuji Institute of Engineering and Technology, Davangere-577004, Karnataka</p> <p>Color Texture Image Classification using Wavelet Texture Spectral Features 1) Dr.S.Arivazhagan, 2) Dr. L.Ganesan, 3) Christine Thankam Joyson Mepco Schlenk Engineering College, Sivakasi</p> <p>Fusion of Multi-Sensor Medical Images using Discrete Wavelet Transforms 1) M.E.Paramasivam 2) R.S.Sabeenian 3) M.Shridhar 4) R.Thangadurai Checktronic India Pvt. Ltd., Dh .</p> <p>Multi feature Prostate Cancer Diagnosis of Histological Images Using Advanced Image Segmentation Dr. S.Subarani,Ms.A.Kannamaal M S Nirmal , K Vignesh Prabhu ,R Vinoth Kumar,armapuri</p> <hr/> <p><i>ECG Imaging to Ischemic Episode Detection</i> <i>1.Mohammad Karimi Moridani</i> <i>Islamic Azad University</i></p>	<p>Detection Of DichromacyAnd Achromatopsia Using LabVIEW. 1) Ms.E.Malar, 2) Ahilaa.T.D, 3) Indrani.R. Dept of Biomedical Engineering, Peelamedu.</p> <p>IMPACT OF HORMONAL CHANGES ON NON LINEAR REFLECTION OF OUTER HAIR CELLS IN EUNUCHS 1) Ashish Prasher 2) Ashutosh Kumar Bharti 3) Syed Shahanawaz Ali 4)Chandani Shangari INSTITUTE OF SPEECH AND HEARING, Bangalore</p> <p>Texture analysis of Bone CT images for detection of changes in bone mass and structure 1) T. Kalpalatha Reddy, 2) Dr. N. Kumaravel</p> <p>SKR Engineering College/ ECE, Anna University, Chennai</p>
16:30 to 17:30 PM		

Session IV-A Drug Design and research-I	Session IV-B Clinical Decision Support Systems-I	Session IV-C Clinical Decision Support Systems-II
<p>Design, Synthesis And Antiepileptic, Antimicrobial Evaluation Of 5-Substituted Pyrimidine Derivatives Mr Premnath Dhanaraj</p> <p>Analysis Of Low Complexity Regions In Human Hypothetical Proteins</p> <ol style="list-style-type: none"> 1. N. Rathankar 2. Vaibhav Asthana, 3. Tapan Pancholi, 4. K. A. Nirmala 5. H G Nagendra I <hr/> <p>Comparative Analysis Of Herbal Compounds And Synthetic Drugs As A Potent Therapeutic For Aids</p> <ol style="list-style-type: none"> 1. SUDHA K 2. SUBHASHINI R 3. SHOBANA K 4. THIAGARAJAN <p>Re-Inforced Sequential Search Based Genetic Algorithm For Nonlinear Fuzzy Control Problems</p> <ol style="list-style-type: none"> 7) Ajith R, 8) Jagadish MR, 9) Karthik V, 10) Kavin Kumar J, 11) Manikandan Hk, 12) Sunil Nag P (Project Guide) <p>Amrita Vishwa Vidyapeetham, Coimbatore</p> <p>Pectinmethyl esterase estimation in plant-virus interaction and Insilco analysis to predict the interaction between the proteins involved in the movement of plant viruses using comparative modeling and docking studies.</p> <p>Madhusudhan. K.N., Shetty, H.S. SivaKumar, D., Prakash. H.S. Department of Studies in Applied Botany, Seed pathology and Biotechnology, University of Mysore.</p> <p>Docking studies with Herbal Based Ligands and Protein Drug Targets of Streptococcus pneumoniae</p> <p>Lakshmi Prabha A.B, Shobana K Thiagarajan B Sridhar R Dept. of Bioinformatics, Sathyabama University, Chennai</p>	<p>ANN based detection of ECG based Cardiac disease</p> <ol style="list-style-type: none"> 1. Mohit Gangwar 2. R.B. Mishra BBDNITM, Lucknow, BHU . Varanasi INDIA <p>Data mining of Capacitance Relaxation phenomena in classifying BreastCancer cell</p> <ol style="list-style-type: none"> 1. T.K.Basak, 2. Ramanujam, 3. S.Murugappan 4. V. Cyrilraj 5. T.Ravi 2 Poonam Goyal. Department of Computer Science & Engineering, KGC College of Engineering, Chennai, India,Department of Biomedical Engineering,Rajalakshmi Engineering College <p>Pc Based Physiological Parameters Measuring, Monitoring System And Transferring Data Through Gsm Service</p> <ol style="list-style-type: none"> 1) DEBA PRASAD DASH 2) BIKASH RANJAN JAMES 3) SURYA KANTA DAS 4) JAGDISH PANDA 5) BIJAYA KUMAR DWIBEDI <hr/> <p>Prediction of Vaccine Candidates against botulism caused by Clostridium Botulinum</p> <ol style="list-style-type: none"> 1. Ramya.M, 2. Shobana. 3. K. Sridhar 4. Thiagarajan.B Dept. of Bioinformatics, Dr. G R Damodaran College, Coimbatore. <p>Patient Monitoring in Hospitals using NI-WLS 942I</p> <ol style="list-style-type: none"> 1) S.Vignesh(06D104) 2) P.Praveen Samuel(06D71) <p>Neural Network based Classification of Digitized Mammograms</p> <ol style="list-style-type: none"> 1. M.G.Mini, 2. V.P.Devassia 3. Tessamma Thomas <p>Department of Electronics, Cochin University of Science & Technology, Cochin</p>	<p>Neural Network Data Management and Medical Informatics</p> <p>Gouri A Patil Welingkar Institute of Management, Development and Research Bldg No 6, flat No 105 Raj Vaibhav Complex,Ganesh Nagar, Near Raju Nagar Church.Dombivli (West)</p> <p>Artificial intelligence based expert system for the diagnosis of chikungunya</p> <p>R.Sandhya Devi Dr.Mahalingam College of Engineering and Technology Pollachi</p> <p>Rule-based approach for personality Prediction through Handwriting Analysis.</p> <ol style="list-style-type: none"> 1) Champa H N 2) Dr K R Ananda Kumar <p>University Visveswaraya College of Engineering,Department of CS&E, UVCE, Bangalore</p> <p>Looks like Memristor ? made of Human Blood?</p> <ol style="list-style-type: none"> 1) Shiv P.Kosta 2) Yogesh P.Kosta 3) Vikram Agarwal 4) Vimal Vaghel 5) Mukta Bhatle, 6) Jyoti Gupta 7) Yogesh M.Dubey 8)Avinash Gaur 9) Shakti Kosta <p>Shri Ram Institute of Technology. Jabalpur</p> <p>Advancement in biomedical engineering</p> <ol style="list-style-type: none"> 1. Poornima.S 2. Maria Johnson 3. Devi.T 4. Raina Ramadoss Biomedical engg, RG CET, Pondicherry,
Day 2		
Parallel Session A Venue: Main Hall	Parallel Session B Venue: MCA Hall	Parallel Session C Venue: Mini Hall
9:00 to 10:15 AM		

Session V-A Women In BioEngineering	Session V-B Imaging in Health Information- II	Session V-C Biomedical Signal Processing-II
<p>Dr Sneh Anand Prof and Head, Center for Biomedical Engineering,IIT Delhi</p> <p>Dr.Parvathi Gopal Director, Institute of Aero Medicine,DRDO,Bangalore</p> <p>Ms.Niveditha Raghunath Senir Research Scientiest, Emery Hospital Georgia Tech,Atlanta</p> <p>Ms.D.Malathi Director,SBRI</p>	<p>Effective Segmentation Algorithm For Bio-Medical Images Using Co-Occurrence And Law's Energy Mask Features.</p> <p>1) Mrs.S.Vasuki 2) Dr. L.Ganesan, 3)A.Anilet Bala</p> <p>Alagappaa Chettiar College of Engineering and Technology Karaikudi</p> <p>Early Diagnosis Of Neonatal Sepsis By Gas Sensors And Improved Pattern Recognition System</p> <p>1) Subadra M , 2)Marimuthu N S</p> <p>Department of Electronics & Communication Engineering, A.C.College of Engineering & Technology,Karaikudi</p> <p>Activity Pattern Analysis Through Three Dimensional (3D) Visualization of fMRI Data</p> <p>1) H N Suma 2) Dr S Murali</p> <p>B M S College of Engineering. 1) Department of Medical Electronics,MSCE, Bangalore-560 001. 2) P E S College of Engineering, Mandya.Department of IS & E, PESCE.</p> <p>Characterization of different skin conditions based on Diffuse Reflectance Spectroscopy</p> <p>1. Shanthi Prince 2. S. Malarvizhi</p> <p>Department of ECE, Faculty of Engineering and Technology, SRM University, Kattankulathur</p> <p>Mammogram Image Compression Using Multiwavelet Transform</p> <p>1. S.Malarvizhi1 2. U.S.Ragupathy2 3. A.Tamilarasi</p>	<p>Identification Of Defensins Employing Rqa Descriptors And Random Forest Classifier</p> <p>1.V.K. Jayaraman, 2.Ajay Prasad 3.Alok Diwevedi 4.Shreyas Karnik Chemical Engineering And Process Development,NationalChemical Laboratory,Pune-India</p> <p>Wavelet Transform based Microcalcification Detection</p> <p>1.M.G.Mini 2. V.P.Devassia Department of Electronics, Model Engineering College, Cochin</p> <p>Better Speech Recognition Score With Different Levels Of Gain In Frequency Transposition Amplification Over Conventional Amplification In Patient With High Frequency Dead Regions</p> <p>1) Ashutosh Kumar Bharti 2) Amitav Behera 3) Syed ShahanawazAli 4) Dhiraj Kumar Singh</p> <p>Institute Of Speech And Hearing Hennur Main Road, Lingarajapuram,BANGALORE .</p> <p>Advantage Of Frequency Transposition Hearing Aid With Different Levels Of Gain In Detection Of High Frequency Phonemes Over Conventional Amplification In Patients With High Frequency Dead Regions</p> <p>1) Syed Shahanawaz Ali, 2) Ashutosh Kumar Bharti 3) Amitav Behera 4) Dhiraj Kumar Singh</p> <p>Institute Of Speech And Hearinghennur main road, Lingarajapuram Bangalore</p> <p>Comparing The Efficacy Of Frequency Transposition Versus Conventional Amplification In Terms Of Speech Recognition Of Conventional Word List Versus High Frequency Word List</p> <p>1) Dattatreya Madiraju 2) Ashutosh Kumar Bharti 3) Syed Shahanawaz Ali, 4) Amitav Behera Institute Of Speech And Hearing Hennur main road, Lingarajapuram Bangalore</p>
10:15 to 10:30 AM		Tea Break
10:30 to 13:00 PM		

**Session VI-A
Biomedical Informatics I**

**Session VI-B
Biomedical Modeling and
Devices-II**

**Session VI-C
Biomedical Imaging and
Healthcare Applications-I**

Artificial Intelligence & Data Mining in Biomedical Informatics

(Invited paper)

Dr. P.Venkatesan

Deputy Director, Indian Council of Medical Research, Tuberculosis Research Centre, India.

A Digitally Implemented Multiconfigurible Biomedical ECT with EEG/ECG APPARATUS

(Invited paper)

Dr B.Gangadhar and Mr Vital NIVIQUIRE and NIMHANS, Bangalore

Wireless Technology in Health care

(Invited paper)

Mr Pandian

Senior Scientist, DEBEL DRDO Bangalore

Application Of Novel Signal Processing Techniques in Chemo & BioInformatics

(Invited paper)

Dr.Jayaram

NCL Sri Lanka

Parasite Recombinant Proteins and Immunoinformatics

(Invited paper)

Mr. RB. Narayanan

Centre for Biotechnology, Anna University, Chennai 600 025

Vancomycin Resistant Enterococci (Vre) In Equine-Faecal Samples

(Invited paper)

Mr. Mohamed O Ahmed

Department of Veterinary Microbiology, Libya.

FDTD Calculation of Specific Absorption Rate in Human Head by Wireless Communication Devices

- 1) Seetharaman
 - 2) S.Elango
 - 3) N.Kumaravel
- Department of Electronics and Communication Engineering

College of Engineering, Anna University, Chennai

Effect Of Different Click Durations On Transient Evoked Otoacoustic Emissions

1. Pearl Edna D’Costa
- ,Kasturba Medical College,Mangalore-1,

Project Proposal for Myoelectric Hand Prosthesis

- 1) Batala Sandhya
- 2) Sibashree Moharana
- 3) Banita Rani Prusty
- 4) Tripada Prasad Dash
- 5) Aliva Priyadarshini
- 6) Ramesh Kumar Mahalik
- 7) SK Enaytulla

B.Tech Trident Academy of Technology, Bhubaneswar - 24, India.

Wireless wrist type heart beat rate transmission and positioning system with GSM/GPS Module

1. ArunKumar.R, B.E,
2. Hariprakash.V, B.E ,
3. ManojChandraKumar.S, B.E,
4. Dr.M.Senthil Arumugam M..S.,PhD.,
5. Dr.C.Aarthi Senthil Arumugam M.E., PhD.,
6. Mrs.S.Kavitha M.E., Ph.D.,
7. Mrs.J.Sharmilee M.E.,
8. Mr.N.Karthikeyan, M.Sc.,

Actuator fault detection and isolation (FDI) in simulated Continuously Stirred Tank Heater (CSTH)

- 1) Lakshmi.V,
- 2) Manimekalai.V,
- 3) Manoj Kumar.B,
- 4) Navitha.R,
- 5) Varuna.D

Department of Electronics and Instrumentation Engineering, Amrita Vishwa Vidya Peetham

Novel Electronic Device Diode Made From Human Blood

- 1) Shiv P.Kosta,
 - 2) Yogesh P.Kosta,
 - 3) Bhavin Patel
 - 4) Amit Patel
 - 5) Kalpesh M Patel,
 - 6) Gayatri
 - 7) Bhrugdish, 8) Mukta Bhatele
 - 9) Jyoti Gupta
 - 10-a) Yogesh M.Dubey
 - 10-b) Avinash Gaur
 - 11) Shakti Kosta
- Charotar Institute of Applied Sciences

Electronic Electrolyte Device Diode (EEDD) made of electrolyte resembling human blood plasma

Resilient Face Expressional Recognitions Using Geometry And Behavioral Traits

1. J. K. Kani Mozhi
2. Dr. R. S. D. Wahida Banu

K. S. Rangasamy College of Technology, Tiruchengode – 637 215.

Detection Of Retinitis Pigmentosa And Stargardt’s Disease Using Retinal Image

- 1.R. Nithya
- SSN College of Engineering, Kalavakkam.

Automatic Segmentation and Feature Extraction of Breast Lesions

- 1) M. Kavitha,
- 2) Shirley Selvan,
- 3) Dr. S. Shenbagadevi,
- 4) Dr. S.Suresh

Center for Medical Electronics, College of Engineering, Guindy.

Disease Identification In Ct Images Using Mrcsf

- 1) R.S.SABEENIAN,
 - 2) Dr.V.PALANISAMY
- Sona College of Tech, Salem-5

Diagnosis Capability of Ultrasound Elastography and Echography – Feature Extraction for CAD System

- 1) Kishore Kumar,
 - 2) V.Jayashankar
 - 3) M.E.Andrews
 - 4) A.K.Mishra
 - 5) S.Suresh
- Department Of Electrical Engineering, IIT Madras, Chennai

Rotation and Scale- Invariant Texture Classification using Gabor Transform

- 1.Gowri
- Department of Electronics and Communication Mepco Schlenk Engineering College, Sivakasi -626 005

EFFECT OF CLICK STIMULI AND SPEECH BURSTS ON CORTICAL PROCESSING

- 1) Pearl Edna D’Costa ,
- 2) Prakrithi S. Udupa,
- 3) Kaushlendra Kumar,
- 4) Jayashree. S. Bhat

Dept. of Audiology & Speech Language Pathology Kasturba Medical College (KMC) Mangalore-1

	<p><i>Blind Source Separation Using Particle Swarm Optimization For Learning Rate Adjustment</i></p> <p>1) Sathyapriya.N, 2.Balaji.N, 3.Lokesh.T.L, 4.Maheswari.K, 5.Prasanna.N, 6. Sreemeenakshi.K.B Department Of Ece Signal Processing Research Group, Amrita School Of Engineering, Ettimadai, Coimbatore.</p> <p><i>Functional Neuro Muscular Stimulator</i></p> <p>1.R.Nandhitha, 2.P.Vijayaganapathy</p>	
13:00 to 14:00	Lunch Break	
14:00 to 15:15 PM		

Session VII-A Biomedical Informatics II	Session VII-B Biomedical Imaging and Healthcare Applications-II	Session VII-C Biomedical Signal processing-II
<p>Data Mining and Kidney failure survival prediction (Invited paper) Dr N.Sriraam Professor, Head of the Department - Biomedical Engineering Department, SSN College of Engineering, Chennai.</p> <p>Techniques to build Longitudinal Patient Health Record (Invited paper) Mr.Niranjana Medtech Global, Chennai.</p> <p>Estimation of Blood Glucose Level by Sixth order Polynomial 1) S.Shanthi J.J.College of Engineering and Tech, Tiruchirappalli</p> <p>Comparative Docking Analysis on Synthetic Drugs and Herbal Drugs as a Potent Therapeutic for Acquired Immune Deficiency Syndrome SUDHA.K, SUBHASHINI SHOBANA K THIAGARAJAN</p> <p>A Study On Lifestyle Pattern Of Affluent And Non Affluent Coimbatore School Adolescents 1) Dr.K.Anusuya Devi P.S.G. College of Arts and Science</p>	<p>Exudates Detection In Diabetic Retinopathy Images By Using Texture Segmentation Methods 1.Ms. P.N. Jebarani Sargunar, Asst. Professor,Dept. of I.T., SSN College of Engineering, Kalavakkam 2.Dr.R.Sukanesh Professor, ECE Dept.,Thiagarajar College of Engineering, ,Madurai-15.</p> <p>Detection of Optic Disc from Fundus Images for Possible Implementation of Automated Retinopathy Screening Systems S.Madhu Kumar, B.Priestly Shan I and M.Madheswaran I Department of ECE, St Josephs Engineering College, Palai, Kerala ICenter for Advanced Research, Muthayammal Engineering College, Rasipuram</p> <p>EARLY DIAGNOSIS OF ACUTE BRAIN INFARCT FROM DICOM CT IMAGES USING TEXTURE BASED IMAGE SEGMENTATION R.ASHWIN(05L203) and R.SARAVANAN(05L222),ECE DEPARTMENT, PSG COLLEGE OF TECHNOLOGY</p> <hr/> <p>Biomedical Image Communication Using Wireless Techniques 1.R.ASHWIN 2. R. SARAVANAN ECE DEPARTMENT, PSG COLLEGE OF TECHNOLOGY</p> <p>Brain Imaging Using Electrical Impedance Tomography (EIT) – A Pilot Study 1. S. Pravin Kumar 2. N. Sriraam 3. P.G. Benakop 4. B.C. Jinaga <i>Department of Electronics and Communication, Mepco Schlenk Engineering College.</i></p> <p>Virtual View Generation Based On Local And Global Linear Regression Approach For Pose-Invariant Face Recognition 1.B.Mahalakshmi, 2.P.Vijayalakshmi, <i>K.S.R.College of technology.</i></p>	<p>EFFECTIVENESS OF FREQUENCY TRANSPOSITION HEARING AID IN DETECTION THRESHOLD OF /s/ & /S/ PHONEMES WITH ONE Vs TWO FREQUENCY TRANSPOSITION IN INDIVIDUALS WITH DEAD REGIONS Amitav Behera I M.Sc (Audiology) student INSTITUTE OF SPEECH AND HEARING, Hennur main road, Lingarajapuram Affiliated to: BANGALORE UNIVERSITY</p> <p>DESIGN OF A TOOL: DNA COMPRESSION, TANDEM REPEAT, TATA BOX K.PRABAVATHY M.Sc., M.Phil Lecturer, Department of Computer Science and Applications, PSG College of Arts and Science Coimbatore</p> <p>MEDICAL IMAGE DIAGNOSIS USING ASSOCIATIVE CLASSIFICATION TECHNIQUES P.Rajendran , M.Madheswaran* and N.Umamaheshwari Department of CSE, K. S. Ranganasamy College of Technology, Tiruchengode</p> <p>PERFORMANCE EVALUATION OF RECONFIGURABLE TURBO DECODING ALGORITHMS AND IMPLEMENTATION USING VLSI TECHNIQUES FOR MOBILE WIMAX STANDARD Ajal.A.J , T.Gnanasekaran, A.P Kapilan BannariAmman Institute of Technology, Sathyamangalam</p> <p>A New Sampling Theorem for Nonstationary Band Limited Chirp Signals Using Fractional Fourier Transform Mr. Davidson Kamaladhas . M.E. and T.K. Sreeja . II Yr M.E. Mepco Schlenk Engineering College, ECE Dept, Siva Kasi</p>
15:15 to 15:30 AM		Tea Break

15:30 to 16:30 PM		
Session VIII-A Advancement in Biomedical Informatics (II)	Session VIII-B Health Information Processing-II	Session VIII-C Health Information Systems-III
<p>Optical Imaging (Invited paper) Dr Megha Singh</p> <p>Biosignal Acquisition System using Labview (Invited paper) Mr Sanjeev</p> <p>Challenges and Oppurtunities (Invited paper) Mr Sashi Kumar MD,Phoenix Medical Systems</p> <p>Dr Vimala Gopal (Invited paper) Professor, BME,Rajiv Gandhi Engg College</p>	<p>Joint Channel Estimation Techniques In Downsampled Arq Retransmissions 1) Mr.Davidson Kamaladas 2) A.Anitha Mepco Schlenk Engineering College,</p> <p>Formant Modification to Improve Intelligibility of Dysarthric Speech 1) Nirupa.M, 2) Prema.P, 3) Vidhya.S3 , 4) T.Lazar Mathew School of Biotechnology, Chemical and Biomedical Engineering, VIT University</p> <p>Aerosol Optical Depth Measurements Using Passive Remote Sensing at a Rural Site In Southern India and Stress Responses To Petrogenic Aerosol In Biosystem 1) Anju Prasad, 2) Prathibha.S, 3) S.K.Sudheer, 4) S.K.Satheesh Vellore Institute of Technology University, Vellore-</p>	<p>Accelerated Fatigue Test Of Cardiovascular Stent 1.Gowrishankar G MVJ College of Engineering, Channasandra, Bangalore.</p> <p>Brain Computer Interface Mouse With Analog Control 1.M.DURAIRAJ</p> <p>A GPS Enabled Mobile Health Care System 1.Mr. K.M.ANAND KUMAR, 2.Dr. C.JAYAKUMAR, 3. RAASHMI . 4.R , VIJAYKRISHNA</p> <p>Real Time Processing Of Dysarthric Speech Signal Using TMS320C6713 Processor 1) Ramya.D VIT University, India</p> <hr/> <p><i>XML Based on HL7 V3.0 Message Exchanging Model for Hospital Information System</i> 1. C.Sunil Kumar SNIST, Hyderabad, India, 2. Dr. A. Govardhan JNT University, Hyderabad, 3. Dr.C.V.Guru Rao KITS, Warangal, India,</p>
16:30 to 17:00 PM		

Session IX-A Opportunities & Challenges in BioMedical Informatics	Session IX-B Biomedical Signal processing- III	Session IX-C Miscellaneous
<p>Hepatoprotective effect of Ocimum sanctum against carbon tetra chloride R.Bhuvaneswari¹ and Jegatheesan, K2¹ Jerusalem College of Engineering Chennai-600 100. India. 2 Kamaraj College of Engineering and Technology, Virudhunagar – 626 001</p> <hr/> <p>Nano Electronic Circuit Component Liquid Memristor <i>Shiv P.Kosta*¹, Yogesh P.Kosta*², Mukta Bhatele**³, Jyoti Gupta***³, Yogesh M.Dubey****¹, Avinash Gaur****², Shakti Kosta****³, Vikram Agarwal*³, Vimal Vaghela*⁴ Director, Education Campus Changa, Anand, Gujarat, India, - Corresponding author, email- drspkosta@indiatimes.com *² Principal, Charotar Institute of Technology - Changa *³ Lecturer, Charotar Institute of Technology - Changa *⁴ Lecturer, Charotar Institute of Technology - Changa ** HOD, Computer Science, Takshshila College of Engineering, Jabalpur, M.P., India *** HOD, Electrical Engg, Govt. Polytechnic Jabalpur, Jabalpur, M.P., India ****¹ HOD, Electronics, Shri Ram Institute of Technology. Jabalpur. India ****² HOD, IT, Shri Ram Institute of Technology. Jabalpur. India ***** Research Scholar, University of Santa Clara, Clara California, USA</i></p>	<p>Speech recognition with temporal envelope and fine structure cues under simulated reverberation</p> <p>1) Mr. Arivudai Nambi. P 2) Mr. Rajesh Ranjan 3) Dr. Jayashree.S.Bhat A Unit of Manipal University Attavar, Mangalore-1</p> <p>Wavelet based ECG signal compression using Burrows-Wheeler Coder</p> <p>1) Dr.R.Shantha Selva Kumari 2) R.Suriya Prabha Mepco Schlenk Engineering College Sivakasi</p> <p>Efficient Non-Chronological Dynamic Video Abstraction Using the Rack through Method</p> <p>1.R.K.Manoj Kumar, 2.R.Raj Pradeep 3.N.Maniganda Prabhu, 4.R.Ayshwarya, 5.T.Tharani 6.S.Sathish Kumar</p>	