8th National Conference on Medical Informatics
3rd-5th Feb. AIIMS, New Delhi, India
www.ncmi2012.org
Scientific Programme

Sl.No	Presenter	Day	Time Start	Time end	Type	Topic	Exact Topic
53	**Dean Sittig**, Hardeep Singh and Syed Tirmizi	Friday	09:00:00	11:30:00	Workshop	CDSS	Clinical Decision Support: A Practical Guide to Developing Your Program to Improve Outcomes
108	**Gyana Ranjan Mohanty** and **Nazim Nawaz Mohammad**	Friday	11:30:00	12:00:00	Sponsored	CDSS	Best practices in Clinical Decision Support – Latest trends in EMR technology and its impact on clinical decision making process
LUNCH BREAK 12:00:00 13:00:00 (Working Lunch to be provided)							
41	**Johan Griesel**	Friday	13:00:00	14:30:00	Workshop	HIE	Healthcare Interoperability and Collaboration
33	**Dr Sanjay Bedi**	Friday	15:00:00	16:30:00	Workshop	Medical Education	Online Medical Education
Tea break 16:30:00 17:00:00 (And prepare for inuaguration)							
Inagural program 17:00:00 18:00:00							
75	**B S Bedi**	Friday	18:00:00	18:30:00	Keynote	Standards	E-Health Standardization- Indian Experience
	Online presentation	Friday	18:30:00	19:00:00			
	Cultural Program	Friday	19:15:00	20:00:00			
	Dinner	Friday	20:00:00				

Saturday 04th Feb 2012 Combined Hall

57	Denham Pole	Saturday	09:00:00	09:30:00	Keynote	FOSS	Sri Lanka produces open-source patient record software
73	Jeermiah Scholl	Saturday	09:30:00	10:00:00	Keynote	Ehealth	Sustainable and Large Scale Telemedicine Services in Developing Countries: History and Current Trends
43	Jack Li	Saturday	10:00:00	10:30:00	Keynote	Cloud Computing	Cloud Computing as a key to Rural Healthcare Reform

MORNING TEA BREAK 10:30:00 11:00:00

36	Vinay Kumar/ Craig Knoche	Saturday	11:00:00	11:45:00	Seminar	Medical Education	A proposal to create new models of medical education to better serve the health care needs in India
111	Arun Sundararaman and Nazim Nawaz Mohammad	Saturday	11:45:00	12:10:00	Sponsored	E H R	A Framework for Linking Data Quality to Quality of Medical Decisions using Clinical Decision Support Systems
107	Sivaprasad.S and Nazim Nawaz Mohammad.	Saturday	12:10:00	12:35:00	Sponsored	Insurance	Rework module of the Health Claims Analytics Workbench
55	Johan Griesel	Saturday	12:35:00	13:00:00	Sponsored	HIE	Leveraging social media collaborative technologies for better care

LUNCH BREAK 13:00:00 14:00:00

Hall A Upgraded presenations

13							
14	Karanvir Singh	Saturday	14:25:00	14:45:00	Presentation	Data Mining	A new milestone for hospitals - data mining and business intelligence
34	Pramod Jacob	Saturday	14:45:00	15:05:00	Presentation	Ehealth Implemetation	Electronic Health Records- A Global Perspective

Free papers Session E Health–I

<div align="right">Dr. Sanjeev Sood</div>

51	**Dr Mahendra Surwade and S.B.Gogia**	Saturday	15:05:00	15:20:00	Short Paper	Ehealth	Establishing Tele–Ophthalmology Centers in the North East
40	**Vijay Srivastava** and **Shashi Gogia**	Saturday	15:20:00	15:35:00	Short Paper	Ehealth	Implementing Tele Ophthalmology
42	**Ruchi Agarwal** and **Manoj Rai Mehta**	Saturday	15:35:00	15:50:00	Short Paper	Ehealth	Telemedicine supported total eye care project (tstecp) training program
30	**Arun Rekha Gogia** and Shashi Gogia	Saturday	15:50:00	16:05:00	Short Paper	Ehealth	Telemedicine Supported Limb care in the Periphery

EVENING TEA BREAK 16:05:00 16:30

<div align="right">Hardeep Singh</div>

Free Paper Session in Hall A   E H R I

<div align="right">Dr. Pramod Jacob</div>

9	**Anand Malaviya** and Shashi Gogia	Saturday	16:30:00	16:45:00	Short Paper	E H R	Objectified Assessment of Rheumatoid arthritis in Real Time as an aid for Treat-to-Target Treatment Strategy
64	**Shruti Gadgil**	Saturday	16:45:00	17:00:00	Short Paper	E H R	Role of Knowledge Based Expert Medical Systems in improving Quality of Healthcare
67	**Dr. Anil Vij**	Saturday	17:00:00	17:15:00	Short Paper	E H R	E prescription
26	**Ganeshkumar Parasurman**, Arun Kumar Sharma and Op Rajoura	Saturday	17:15:00	17:30:00	Short Paper	E H R	Evaluation Of Computer Usage In Healthcare Among Private Practitioners Of Nct Delhi

Free Paper Session in Hall B Image Processing/PACs

Dr. Sneh Bhargava

Jaljit Bhattacharya

6	**Ashis Dhara**, Chanukya Krishna Chama and Sudipta Mukhopadhyay	Saturday	14:00	14:12:00	Short Paper	Image Processing	Content-Based Image Retrieval System for Differential Diagnosis of Lung Cancer
8	**Meghna Jain** and **Mukta Bhatele**	Saturday	14:13:00	14:25:00	Short Paper	Image Processing	Error Resilient Transmission and Security Filtering of Medical Images
11	**B Padmapriya**, T Kesavamurthi, Anju Gupta and **T Lazar Mathew**	Saturday	14:26:00	14:38:00	Short Paper	Image Processing	Design And Implementation Of Edge Based Image Segmentation To Find The Area And Volume Of The Urinary Bladder
35	**Gunjanbhai Patel** and Sistu Ganesh	Saturday	14:39:00	14:52:00	Short Paper	Image Processing	Real Time Carotid arteries detection in Vascular Ultrasound Medical Imaging
47	**Jatindra Kumar Dash**, Rahul Das Gupta, **Sudipta Mukhopadhyay**, Niranjan Khandelwal, Mandeep Garg and Pinakpani Bhattacharya	Saturday	14:53:00	15:05:00	Short Paper	Image Processing	Content-Based Image Retrieval System for Interstitial Lung Diseases
80							

Bio Informatics

Dr. Kamal Kishore

Dr. Y.D. Sharma

19	**Mayadhar Barik**, Dr. Vaibhav Choudhary and Sushil K Meher	Saturday	15:20:00	15:35:00	Short Paper	Bio informatics	Current Prospective In Gene Therapy And The Role Played By Medical Informatics
23	**Mayadhar Barik** and Sushil K Meher	Saturday	15:35:00	15:50:00	Short Paper	Bio Informatics	Evaluation and monitoring of meta-analysis in medical research through information technology
54	**Swati Vipsita**	Saturday	15:50:00	16:05:00	Short Paper	Bio Informatics	Approximation of Neural Network using Differential Evolution for Protein Superfamily Classification

EVENING TEA BREAK 16:05:00 16:30

Robotic Engineering

63	**Prasad Sonar** and **Bijay Rout**	Saturday	16:30:00	16:45:00	Short Paper	Robotic Engineering	Review on design of exoskeleton for Rehabilitation Engineering
72	**Oishee Mazumder** and Ananda Sankar Kundu	Saturday	16:45:00	17:00:00	Short Paper	Robotic Engineering	EMG Based Multichannel Human Computer Interface for Rehabilitation Training
105	**M. Sugavaneswaran** and **G. Arumaikkannu**	Saturday	17:00:00	17:15:00	Short Paper	Robotic Engineering	Application of Bio-CAD Modeling and Rapid Prototyping in Customized Prosthesis Fabrication

Sunday 05th Feb 2012

61	**Ashish Joshi**	Sunday	09:00:00	09:30:00	Keynote	Health Provision	Emerging role of Informatics to improve population health
37 & 38	**Dean F Sittig, Hardeep Singh,** Shubnum Singh and Kanav Kahol	Sunday	09:30:00	10:15:00	Seminar	Healthcare Framework	Can a New Sociotechnical Model for Health IT be Useful to Guide Healthcare Reform in India? A New Sociotechnical Model Helps Guide the Application of Information Technologies in Healthcare
59	**Divye Chabbra** and **Neena Pahuja**	Sunday	10:45:00	11:00:00	Short Paper	E H R	Measuring and Tracking the Progress of Implementing a Comprehensive Electronic Health Record: A Mixed-Methods Approach

MORNING TEA BREAK 11:00:00 11:30:00

Free Paper Session in Hall A HIS /Data Mining

S N RaghuKumar

Dr. Karanvir Singh

7	**Saurabh Bhatia**	Sunday	11:30:00	11:45:00	Short Paper	H I S	Reducing EMR implementation cost and improving adoption using eLearning for training and change management
15	**Sanjeev Sood**	Sunday	11:45:00	12:00:00	Short Paper	H I S	Leveraging Data Analytics in Healthcare-- Some interesting Case Reports
18	**Praveen Srivastava**	Sunday	12:00:00	12:15:00	Short Paper	H I S	Hospital Information System, An Integrated Approach For Better Patient Care and Generation of Electronic Health Record.
28	**Anindam Basu** and Anandhi Ramachandran	Sunday	12:15:00	12:30:00	Short Paper	H I S	Perceived benefits of Hospital Information System & EMR by End Users A Survey done in a Government Hospital
29	**Dr. Aman Rana** and Anandhi Ramachandran	Sunday	12:30:00	12:45:00	Short Paper	H I S	Significance Of A Meticulous Change Management Strategy In Successful Implementation Of A Healthcare Information System
46	**Indrajit Bhattacharya,** B.K. Jha and Anandhi Ramachandran	Sunday	12:45:00	13:00:00	Short Paper	H I S	Business Analytics on the fly for Healthcare Enterprises using the Cloud Model

LUNCH BREAK 13:00:00 14:00:00

E Health II

Dr. S.B. Gogia

Dr. Denham Pole

22	**Dr.G.D Mogli**	Sunday	14:00:00	14:15:00	Short Paper	Ehealth	Personal Eternal Health Passbook
50	Dr Dr. Kunal Kanti De, Tushar Kanti De and **Arin Basu**	Sunday	14:15:00	14:30:00	Short Paper	Ehealth	Setting Up of The Telehealth Services In India: Concept And Proposal
79	**Prof. Subrat Kar, Sanat Sarangi** and **Akshat Bisht**	Sunday	14:30:00	14:45:00	Short Paper	Ehealth	A Wireless Sensor Network based Fall Detection and Activity Monitoring System for the Elderly
96	**Dr. Shilpa Kaistha** and Dr.Neha Asija	Sunday	14:45:00	15:00:00	Short Paper	Ehealth	"Tele-health center for rural India" (A bottom to top approach for improving health care facility at rural remote areas) (A conceptual analysis)

EVENING TEA BREAK 15:00:00 15:30:00

Valedectory session 15:30:00 16:30:00 Summary of all previous sessions to be given

Free Paper Session in Hall B Health Provision

Dr. Saurabh Bhatia

Dr. Jack Li

27	**Anindam Basu,** Akshay Soni and **Abhishek Singh**	Sunday	11:30:00	11:45:00	Short Paper	Health Provision	Conceptual ICT systems framework empowering rural health workforce in India for MDG 4 & 5
60	**Dr. Jaijit Bhattacharya**, Ms. Ritu Ghosh and **Dr. Anjali Nanda**	Sunday	11:45:00	12:00:00	Short Paper	Health Provision	Micro Health Centre: Cloud Enabled Infrastructure Solution for Health
68	**Farooq Ahmad Wani**	Sunday	12:00:00	12:15:00	Short Paper	Health Provision	Medical Informatics activities in J&K
81	**Dr. Rahul K Garg**	Sunday	12:15:00	12:30:00	Short Paper	Health Provision	Integrated Network Solutions for Private Healthcare Sector in India
113	**Ragu Kumar** and S.P Singh and Hari Shanker	Sunday	12:30:00	12:45:00	Short Paper	Networking in Medical Informatics	Design & Implementation of Wi-Fi based Access Network for Health Care professional in All India Institute of Medical Sciences, New Delhi, India.
98	**Aditya Sood, Neha Arora** and Arun Singh Rana	Sunday	12:45:00	13:00:00	Short Paper	Health Provision	A case study of IT initiative in health sector

Free Paper Session in Hall B E H R II

Dean Sittig

Sushil Kumar Meher

78	**Dr Kh. Purshottam**	Sunday	14:00:00	14:15:00	Short Paper	Medical education	Need For Knowledge Management among Clinical Practitioners for Collaborative Learning
70	**Prof Dr. N.G Rao** and Dr Anil Vij	Sunday	14:15:00	14:30:00	Short Paper	P H R	Self Management Of Personal Health - An Absolute Necessity
66	**Dr Shruti Gadgil** and **Jagannayakam S**	Sunday	14:30:00	14:45:00	Short Paper	E H R	Soarian Quality Measures – Measurement of Clinical Quality Indicators
49	**Swati Sharan** and Swamil Patni	Saturday	14:45:00	15:00:00	Short Paper	P H R	Online Medical Application: Innovation in Healthcare Delivery System

EVENING TEA BREAK 15:00:00 15:30:00

Poster session 1 Saturday 13:00

16	**Neera Munjal, Meera Munjal, Neeraj Nagpal** and **Sayan Chatterjee**	Saturday	13:00:00	Poster	Bio Informatics	Study of Protein Motifs in Growth Factors and their Receptors in Human: A Computational Biology Approach
10						
83						
32	**Sanjeev B**	Saturday	13:00:00	Poster	PACs	Paradigm shift in PACS
100	**Vaibhav Rastogi**, Dr Chandravali Madan and Dr. Amit Srivastava	Saturday	13:00:00	Poster	PACs	Impact of PACS in a Hospital
39						
84	**Hemendra Singh**	Saturday	13:00:00	Poster	Cloud Computing	CLOUD COMPUTING IN PUBLIC HEALTH
94	**Dr. Tejinderpal Singh** and Mrs Harmeet Kaur	Saturday	13:00:00	Poster	Cloud Computing	Application of e-commerce Business Models in Health Care Industry

Poster session 2 Saturday Evening 17:15

17	**Vivek Bhargava**, Shivangi Kaushik and Akanksha Sharma	Saturday	17:15:00	Poster	Ehealth	Telemedicine: A transformation in Rural System
77	**Madhav Chablani**	Saturday	17:15:00	Poster	Ehealth	How to reach Un-reachable - Can we afford to ignore m-health ?
93	**Rajat Agarwal, Gautam Jain**, R. P. Pareek and Eadara Srikanth	Saturday	17:15:00	Poster	Ehealth	A Study to Assess the Effectiveness and Reliability of the Telemedicine Bringing Specialist Healthcare to the Rural India with Optimized Cost-effective Services
97						
82	**Dr. Chandravali Madan** and **Dr. Vaibhav Rastogi**	Saturday	17:15:00	Poster	Ehealth	Diabetes Education via Telemedicine

Poster session 3 Sunday 11:00

101	Bhawesh Misra	Sunday	11:00:00	Poster	Epidemiology	Use of Integrated Health Screening & Information Systems (IHSIS) to monitor cardiometabolic risk factors in a large urban population in Delhi
3						
91						
92	Harshita Vijh	Sunday	11:00:00	Poster	Miscellaneuos	ICT Greening : Call for trained HIT professionals

Poster Session 4 Sunday 13:00

31	Dr. Gyanaranjan Pradhan and Dr.Ratna Gupta	Sunday	13:00:00	Poster	Health Provision	"E-Swasthya Kutira" (A Rural ICT Health Information Center) An Innovation May Bring Revolution in rural healthcare By
44	Dr. G. D. Mogli	Sunday	13:00:00	Poster	Nursing Informatics	Computerized Nursing Ward Administration
45	Dr. Shabbir Syed Abdul	Sunday	13:00:00	Poster	P H R	A Global Travelers' Electronic Health Record Template (TrEHRT) Standard for Personal Health Records
52	Dr. Goverdhan Mogli	Sunday	13:00:00	Poster	P H R	Causes for Delay in Effecting EHR Globally
106	Satish Kumar, Lingaraja Jena and B. C. Harinath	Sunday	13:00:00	Poster	Public Health	Health Informatics – Certification & Dissemination of Information on Emerging Infectious Diseases and Lifestyle Health Problems
2						
86	Derek Treatman, Vikram Kumar, Animesh Sharma, Nick Amland, Krishna Swamy and Mohini Bhavsar	Sunday	13:00:00	Poster	Survey	Performance Metrics Indicative of Supervision: A Study of Community Health Workers
5						
114	Payal Jotwani and Ashish Suri	Sunday	13:00:00	Poster	Telemedicine	Supplementing Education and Training in Neurosurgery: Web-based education and tele-education

| 71 | **Dr.Bhushanrao Somvanshi** | Sunday | 13:00:00 | Poster | mHealth | M-Health(An universal Accessible HealthCare Information Source) |