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NEW DELHI, INDIA 110029

The major work of my project in last 3 years is as follows:

- i. A standard approach for analysis and design of Health Information System/EHR/EMR/EPR in Indian environment.
- ii. Modeling Health Care process in Clinical Information System designing.
- iii. Selection and Implementation of a new Hospital Information System to prepare a paperless and flimless patient record.
- iv. Reengineering of the patient flow process in AIIMS, New Delhi
- v. Development and Implementation of ICT application in Health Care (specifically in EMR) from a sociotechnical Perspective.
- vi. HIV/AIDS EHR for Delhi State.
- vii. PEP program/ EHR for Delhi state.
- viii. CME National program on HIV/AIDS through Tele-teaching.
- ix. E eHealth implementation
- x. Tele Medicine
- xi. Interoperability and standardization of health care software and Telemedicine
- xii. Knowledge in HL7, SNOMED,CPT and Open eHealth (archetype)
- xiii. Trauma, Urology, Radiology, Nephrology, Ophthalmology, Cardiology, Neurology, Oncology, Gastroenterology and Lever Information System,

I have already published Twenty-four papers in different national & International conferences.

1. Security in Heath Care. (Conference in Health Informatics) 1996
2. Information Management System on laboratories.
(Medicine Meets Virtual Reality in **1999 Jan in San Francisco, USA**)
3. Knowledge based information system on infectious diseases
(Medicine Meets Virtual Reality) in **Jan 1999 San Francisco, USA.**
4. OT Management Information System.
In the conference in IT for Management Science Application. Bangalore, India
5. Aids Patient Data and monitoring System.

In National Conference on "Challenges in HIV/AIDS in Next Millennium"

New Delhi, India. Nov.1999

6. AIDS and Internet in India
(Medicine Meets Virtual Reality) in **Newport Beach in Las Angeles, USA in Jan. 2000**
7. Electronic Health Registration for OPD and Inpatient: A study of a Premiere Health Institute in India. HIMAA ANNUAL Conference – HIC 2002, Improving Quality by Lowering Barriers On **August 4-6 Melbourne, Australia**
8. Teleconsultation in Disaster area in INDIA.
2nd International Conference “Success and failure in Telehealth” in **Brisbane, Australia 1-2 August 2002**
9. INTERNATIONAL WORKING CONFERENCE IN HIS, **Heidelberg, Germany**
This working conference was conducted by International Medical Informatics Associations (IMIA) and was invited as an Indian representative for participating in the above working Conference.
10. 5th International Conference on Information Technology Dec 21- 24 , 2002 in Bhubaneswar, Orissa attended for presenting a paper “ A steady of fractal figures by L system using turtle graphics for designing a simple L-system parser”.
11. I have invited for will be attending the 6th International conference on Information Technology, Bhubaneswar, INDIA Dec.22-25, 2003.
12. I have presented a paper in on “ Internet Infrastructure and Health Care System: a qualitative Comparative Analysis on Network and Indian Government’s health Services “ in National Conference in Medical Informatics, Headband, INDIA
13. I had presented a paper in “ Improve in nursing care using IT in developing countries” in **NI 2003, Rio de Janeiro. June 2003**
14. Presented a paper: Medinfo2004 (11th International Conference in Medical Informatics) in **San Francisco, USA** “ Implementing Electronic Health Records for PEP HIV/AIDS healthcare workers: Progresses and Challenges in the 3rd world developing countries”. This conference call as 11th International conference in Medical Informatics.
15. Presented a paper in **ITHC 2004: To Err is System** IT in Health Care: Socio-technical Approaches Second International Conference, **13-14 September 2004 Portland, Oregon, USA** “Socio-cultural and Institutional Constraints in the Adoption Process of a New Technology: Lessons from a Case Study of a Hospital in India
16. Presented a paper “ Multimedia Computing Environment for Telemedicine Applications” in the International Telemedicine Conference, INTELEMEDINDIA 2005 in Ban galore 2005
17. Presented a paper “Implementation of national based HIV/AIDS patients records” Critical Issues in eHealth Research Conference: Hyatt Regency **Bethesda One Bethesda Metro Center Bethesda, MD 20814 on June 9 – 10, 2005**
18. Presented a paper “Challenges in Designing Electronic Health Records for PEP HIV/AIDS healthcare workers in a high patient throughput hospital” in MEDRECON 2005 in Pond chary. India 11-12 Feb. 2005.

19. Presenting a papered paper Strategies for implementing HER for PEP HIV/AIDS health workers for the capital city Delhi, INDIA in MIE2005 (The XIX International Congress of the European Federation of Medical Informatics, **Geneva Switzerland** during 28th Aug.-1st Sep. 2005.
 21. This paper “ ICT in Health Informatics – Key issues, Concerns, Emerging Technologies and Future Outlook in INDIA” was published in the AACC2005, **Kathmandu, Nepal** proceeding which was published in Imperial College Press, 57 Shelton Street Covent Garden London WC2H 9HE in Dec. 2005.
 22. “A study of fractal figures by L-systems using turtle graphics for designing a simple L-system Parser “was published in the AACC2005, **Kathmandu, Nepal** proceeding which was published in Imperial College Press, 57 Shelton Street Covent Garden London WC2H 9HE in Dec. 2005.
 23. “Virtual Digital Libraries: An Advanced Methods and Technologies “ was published in the AACC2005, **Kathmandu, Nepal** proceeding which was published in Imperial College Press, 57 Shelton Street Covent Garden London WC2H 9HE in Dec. 2005.
 24. A paper was presented in the **EDBT 2006** workshop Information Integration in Healthcare (IIHA). “Re-engineering of workflow outpatient department through electronic patient record implementation resulting in service improvement- at high patient volumes”. **Munich, Germany.**
 23. Electronic Health Records for PEP HIV/AIDS healthcare workers in AIIMS, New Delhi, INDIA. S.K.Meher & Dr A Biswas, All India Institute of Medical Sciences (AIIMS), New Delhi, India Presented in 23rd Annual Conference and Exhibition HC 2006 : Health Informatics making the difference during 20-23 March 2006 **Herrogate, England organized by British Computer Society Health Informatics Forum.**
 24. “To study the feasibility of out locating of the OPD & creation of EMR for speedy consultation to patients from AIIMS, New Delhi, All India Institute of Medical Sciences (AIIMS), New Delhi, India.” Presented in 23rd Annual Conference and Exhibition HC 2006 : Health Informatics making the difference during 20-23 March 2006 – **Herrogate, England organised by British Computer Society Health Informatics Forum**
 - 24 “ Prevention and treatment of HIV/AIDS patients through ICT: A pilot study in AIIMS New Delhi, INDIA” will be presented in Medinfo2007 12th World Congress on health Informatics” during 20-24 August 2007 in Brisbane, Australia
 25. “Attitude of PEP HIV/AIDS Health worker’ (HCW) for implementation of Electronic Health Record : A study at AIIMS, New Delhi, INDIA will be presented in Medinfo2007 12th World Congress on Health Informatics” during 20-24 August 2007 in Brisbane, Australia
- National Conference:** A Conference was organized: 1st SAARC conference in AIDS in Delhi in Feb. 2004

International Conference

1.Conference: I have organized a National Conference "Challenges in implementation IT in HIV/AIDS in Next Millennium" In AIIMS, New Delhi, India on 25th Nov. 1999.

I was paper reviewer of Medical and Bioinformatics

2.International Conference: I was program committee member in the conference “ The International Conference on Information Technology ‘ Prospect and Challenges in the 21st Century” ITPC 2003 in Kathmandu, Nepal.

I was paper reviewer of Medical and Bioinformatics.

3. AACC 2004 : I was program committee member in the conference Second International Asian Applied Computing Conference(AACC2004) Kathmandu, Nepal - October 29-31, 2003

I was paper reviewer of Medical and Bioinformatics. Printed in Springer, Lecture notes in computer Sciences.

4. AACC2005 : I was program committee member in the conference Third International Asian Applied Computing Conference(AACC2004) Kathmandu, Nepal - October 29-31, 2003

I was paper reviewer of Medical and Bioinformatics. Imperial College Press, 57 Shelton Street Covent Garden London WC2H 9HE

5. AACC 2007 : I am the Member of International Organising committee member in the conference Fourth Second International Asian Applied Computing Conference(AACC2004) Kathmandu, Nepal – June 8-10, 2007.

I am paper reviewer of Medical and Bioinformatics of AACC2007.

6. I have conducted Tutorial on “Telemedicine “in International Conference on Web Engineering and Application in Bhubaneswar, Orissa on 22nd Dec. 2006.

Workshop:

I have delivered the following workshop:

1. A workshop was organised by me in the International conference in Information Technology in Kathmandu, Nepal “Barriers in Implementation of Health Information System in Developing Countries” in 2003
- 2 I have conducted a workshop in an International conference “ Asia Applied Computer Congress” in Kathmandu, Nepal: “E-Health for Development in 3rd World Developing Countries: Bridging the Digital Divide” on 27th Oct. 2004.
- 3 I have conducted a workshop in an International conference “International Information Technology conference” in Colombo, Sri Lanka: “E-Health for Development in 3rd World Developing Countries: Bridging the Digital Divide” on 23rd Nov. 2004.
- 4 I have conducted a workshop in an International conference “International Information Technology conference” in Colombo, Sri Lanka: “E-Health for Development in 3rd World Developing Countries: Bridging the Digital Divide” on 23rd Nov. 2004.

- 5 I have conducted a workshop in an International conference “International Information Technology conference” in Colombo, Sri Lanka: “E-Health for Development in 3rd World Developing Countries: Bridging the Digital Divide” on 23rd Nov. 2004.
- 6 A workshop was conducted in with Tove Sørensen, Head WHO Collaborating Centre for Telemedicine, University Hospital of North Norway, P.O Box 35, NO-9038 Tromsø, Norway. Direct line: +47 911 95696, on “ eHealth Management for people living with HIV/AIDS. during 11-12 June 2005
- 7 A Telemedicine Workshop was conducted in the AIIMS, New Delhi under me on 15th - 18th July 2005.

Invited talk:

1. Dental Informatics: Workshop in Dental care at Ludhiana
2. Medical Informatics in Utkal University Orissa.
3. Telehealth: In the UGC program, Bhubaneswar.
4. Ehealth in: Nepal Engineering College in Nepal

Course Coordinator:

I am course coordinator of M.Bio.Tech and Bio Informatics, of AIIMS

Paper reviewer:

AACC 2004 (Printed in Springer, Lecture notes in computer Sciences)

AACC 2005 (Imperial College Press, 57 Shelton Street Covent Garden London WC2H 9HE

At AIIMS I am teaching the following Subjects to Biotechnology and Bio Informatics PG Students, BSc and MSc Nursing:

1. Networking and Data Communication
2. C & Unix
3. Software Engineering
4. System Analyst and Design
5. Database Management Systems
6. Computer System Architecture
7. Digital Electronics
8. Business Data Processing
9. MIS
10. Operating Systems
11. Medical Informatics
12. Hidden Markov Chain
13. PAL Programming on Genomics
14. Pattern Reorganization
15. C, C++, UNIX and Linux

I have worked in the following Organizations:

v. All India Institute of Medical Sciences, New Delhi. INDIA

- * Duration : **Sixteen Years** (Continuing)
- * Reporting To : DY. Director

To the best of my knowledge all the above information are correct and true.

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