

**1st International Conference on  
Occupational & Environmental Health  
1-2 March 2013, New Delhi**

**Scientific Program and Free Papers**

**Day 1: 1st March 2013**

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| 9.00am-9.30am     | Registration   |
| 9.00am-9.30m      | <b>Foyer</b>   |
|                   | <b>Poster Session 1 (Display): Poster on Occupational Health &amp; Safety</b>  |
| <b>Chairs</b>     | <b>Dr. VK Gupta</b> , Director Professor MAMC, New Delhi<br><b>Dr. Prasuna J</b> , Professor LHMC, New Delhi<br><b>Dr. Manish Chaturvedi</b> , Associate Professor Sharda University, NOIDA  |
| <b>Rapporteur</b> | <b>Dr. Tapas</b><br>1. <b>Zubia Veqar</b> -Risk factor assessment scales: A Comparative analysis<br>3. <b>Arshi Talat</b> -Hazardous Effect of Carcinogenic Substances on Occupational Cancers<br>4. <b>Sumitava Talukdar</b> , Subir Kumar Talukdar (Sodepur, Kolkata)-Occupational Hepatocellular Carcinoma: A Review<br>5. Vikrant Mohanty, Ananya Mahajan, <b>Neha Jain</b> -Work related musculo-skeletal disorders among Dental Students<br>6. <b>Aditya Paliwal</b> , Dr.R.Rajesh,Surat-Occupational Health Services and Development<br>7. <b>Anuradha Chauhan</b> , Kishore, J Anand T, Ingle GK. "Work related satisfaction and mental disorders amongst welders in east Delhi" for Poster presentation.<br>8. <b>Kye Mon Min Swe</b> , Malaysia – Medical Student's Perception on Needle stick injury and preventive measures<br>9. <b>Akshata Jain N</b> -Occupational Health Hazards in Mining: An Overview<br>10. <b>Garima Rawat, Parul Mutneja</b> , Vikrant Mohanti. Latex Allergy: An under rated health hazards<br>11. <b>Kajal Dungerwal</b> -A Study on Quality of Life of Employees in the Energy Sector<br>12. <b>Sudhanshu Mahajan</b> , M.M.Ghate- Health profile of workers working in pharmaceutical industry<br>13. <b>Shaheen Akhtar Khan</b> , Veena Sharma, Madhavi Verma- Assessment of Computer related Health Problems among Post-Graduate Students |
| 9.30-11.00        | <b>Inauguration of the Conference</b>  |
| 11.00-11.30       | <b>Tea (NSC Cafeteria)</b>   |
| 11.30-12.00       | <b>Poster Session 1: Continue...</b>   |
| 12.00 pm–1.30 pm  | <b>Scientific Session I: Epidemiology of occupational and environmental conditions and diseases</b>  |
| <b>Chairs</b>     | <b>Dr. J K Das</b> , Director NIHF New Delhi<br><b>Dr. Raj Kumar</b> , Professor & Head, Patel Chest Institute, Delhi University   |
| <b>Rapporteur</b> | <b>Dr. Sumeena</b>   |
| <b>Key Note</b>   | 1. <b>Tor Erik Danielsen</b> , Head of Department of Occupational and Environmental Medicine, Oslo University Hospital, Norway - Global Occupational Health  |
| <b>Speakers</b>   | 2. <b>Sidhyartha Mukherjee</b> , School of Medical Science and Research, Sharda University- Epidemiology of Stone Polishing Workers in Anand District of Gujarat<br>3. <b>Rajat Kapoor</b> , USA - Occupational Exposure and Effect on Lungs<br>4. <b>Trul O</b> , Chandima P A, Malhotra R, Kishore J. Duke-NUS Graduate Medical School Singapore - Health problems of immigrant women employed as Foreign Domestic Workers: a systematic review  |

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|   | <b>1.30 pm – 2.30 pm Lunch (Cafeteria NSC)</b>   |
| 2.30 pm – 3.30 pm   | <b>Scientific Session II : Technology and Infrastructure for Assessment and diagnosis of diseases</b>  |
| <b>Chairs</b>   | <b>Dr. M R Surwade, CMD, Humaclin Healthcare Pvt Ltd</b><br><b>Dr. DK Raut, Director Professor VMMC &amp; General Secretary IPHA Delhi</b><br><b>Dr. Pankaj Arora, pECIALIST Emergency Medicine, Royal North Shore Hospital Sydney, Australia - Urgent Care in Workplace accidents</b>   |
| <b>Rapporteurs</b>  | <b>Dr. Neeta Kumar ICMR; Dr. Charu</b>   |
| <b>Speakers</b><br><br><b>Free Papers</b>   | <ol style="list-style-type: none"> <li><b>Dr. Inakshi Naik, NIOH, Johannesburg, South Africa</b>-Management of chemical exposure in workplace: Role of a biological monitoring laboratory</li> <li><b>Dr. Mukesh Khanna, CMO, Ranbaxy Labs</b> –Occupational health Issues in Pharmaceutical manufacturing</li> <li><b>Mughda Tiwari, NIOH, Ahmadabad</b> - Study of cytokine levels in sputum of cotton dust exposed workers</li> <li><b>Shushtarian, S. Masoud. Shojaei A, Islamic Azad University</b>-Retinal damage in turner workers of a factory exposed to intraocular foreign bodies using Electrooculogram.</li> </ol>  |
| 3.30pm-3.45pm   | <b>Tea (NSC Cafeteria)</b>   |
| 3.45pm – 4.45 pm  | <b>Scientific Session III: Technology and infrastructure for Health Hazards Risk Management</b>  |
| <b>Chairs</b>   | <b>Dr. Muzaffar Ahmad, Member National Disaster Management Authority</b><br><b>Prof. CS Pandav, Professor &amp; Head Center for Community Medicine AIIMS, New Delhi</b><br><b>Dr. Sukumar Das, CMO Adani Power</b>   |
| <b>Rapporteurs</b><br><b>Speakers</b>   | <b>Dr. Meenakshi; Dr. Anuradha</b> <ol style="list-style-type: none"> <li><b>Anthony Aarons (LJM, Australia)</b> – Risk Awareness – A move to consequence thinking and human capital protection</li> <li><b>Ms. Kalavati Channa, NIOH, South Africa</b> – Pesticide exposure in South Africa</li> <li><b>Brajendra Mishra, Consultant Epidemiologist, Chirayu Medical College, Bhopal</b> - Environmental and Health impact of MIC leak and consequences in Bhopal after a quarter century</li> <li><b>Tyagi SK. CPCB-</b> Effects of Air Pollutants on Human Health, National Ambient Air Quality Standards &amp; Air Quality Management in India</li> </ol>  |
| 4.45pm – 5.30 pm  | <b>Auditorium</b><br><b>Free Paper Session I: Nuclear and Electronic related Occupational &amp; Environmental Safety</b>   |
| <b>Chairs</b><br><br><b>Rapporteur</b><br><b>Invited Speaker</b><br><br><b>Free Paper</b> | <b>Mr. Sanjiv Pandita, Executive Director, Asia Monitor Resource Center, Honkong</b><br><b>Dr. Pratik Kumar, Additional Prof and In-Charge Deptt of Medical Physics AIIMS</b><br><b>Ms. Nitika Gautam</b> <ol style="list-style-type: none"> <li><b>Dr. R. Deolalikar.</b> Retrospective Analysis of Health Profile of Employees of Nuclear Power Corporation of India – Operating Sites N.P.C.I.L. [1995 – 2010]</li> <li><b>Nidhi Bhatnagar, Rajesh Gupta, Ravneet Kaur, Manoj Grover, Chandigarh-</b>Radiation Hazards from the Modern Information Communication Technology Equipments: An imminent public health threat!</li> <li><b>Monika Sharma, MM Singh, GK Ingle.</b> Knowledge, Attitude and Practices regarding E-Waste in a resettlement area of East Delhi</li> <li><b>Veena Sharma</b>-Assessment of pattern of use and the effect of online social networking on student nurses in a selected college of Nursing in Delhi</li> </ol> |

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| 4.45pm – 5.30 pm  | <b>Conference Hall 2A</b><br><b>Free Paper Session II: Occupational Health issues</b>  |
| <b>Chairs</b>     | <b>Dr. Anubha Mandal</b> , Prof, Delhi Technological University<br><b>Dr. Jyoti Khandekar</b> , Professor LHMC   |
| <b>Rapporteur</b> | <b>Dr. Jitendra K Meena</b>  |
| <b>Free Paper</b> | <ol style="list-style-type: none"> <li>1. <b>Charu Kohli</b> - Non-Communicable Disease Risk Profile of factory workers in Delhi</li> <li>2. <b>R Krishna Kumar</b>, R Monica, PP Santanam -Establishing pre-employment vision standards for Goldsmiths</li> <li>3. <b>Randive A S</b> - Assessment of occupational hazards in mechanics working in garages of Pune city</li> <li>4. Lanjewar PP, <b>Lanjewar SP</b>, A study of cashew-nut processing industry workers in Southern India.</li> <li>5. <b>Anuradha, Chauhan</b>. Work profile and hazard exposure amongst welder in east Delhi</li> </ol>  |
| 4.45pm – 5.30 pm  | <b>Conference Hall 2B</b><br><b>Free Paper Session III: Occupational Health issues</b>   |
| <b>Chairs</b>     | <b>Dr. Ramachandra Kamath</b> Prof & Head Manipal<br><b>Dr. OP Rajoura</b> , Associate Professor UCMS  |
| <b>Rapporteur</b> | <b>Dr. Deepshikha Verma</b>  |
| <b>Free Paper</b> | <ol style="list-style-type: none"> <li>1. <b>Mayanka Gupta</b> - Safety Design Considerations in Living Environments of Elderly</li> <li>2. <b>G. Rajesh</b> - Willingness to participate in disaster management among general dental practitioners in Mangalore</li> <li>3. <b>Shantanu Sharma</b>, Anand T, Kishore J, Banerjee B, Ingle GK, Dey BK-A Study on Lifestyle disorders in healthcare workers in Delhi</li> <li>4. N. A. Toppo, Dr. P. K. Kasar, Dr. Rajesh Tiwari, Dr. A. R. Tyagi, Dr. Sambit Pradhan, Dr. Vikrant Kabirpanthi, <b>Dr. Jyoti Tiwari</b>, Pritesh Thakur, Jabalpur-A Study on Respiratory Health Status of People Living in the Vicinity of Coal Based Power Plant of Singrauli.</li> <li>5. <b>Nayani Makkar</b>, Tany Chandra, Prachi Agrawal, Harshit Bansal, Simranjeet Singh, Tanu Anand, Rajesh Kumar. Evaluating awareness and practices pertaining to radioactive waste management among Scrap dealers in Delhi</li> </ol> |

| <b>2<sup>nd</sup> March 2013</b>                                 |   |
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| 9.00 AM-10.00AM  | <b>Auditorium</b><br><b>Free paper Session IV: OHS in Health Care Institution</b>   |
| <b>Chairs</b><br><br><b>Rapporteur</b><br><br><b>Free Papers</b> | <b>Dr. S K Rasania</b> , Dir Professor LHMC, New Delhi<br><b>Dr. Sunil Juneja</b> , Associate Professor Obs & Gyne DMC Ludhiana<br><b>Dr. Moreshnee Govender</b> , Prog Manager in School of Mining Engineering South Africa<br><br><b>Dr. Charu</b><br><br>1. <b>Neeta Kumar</b> , Meenakshi. Health needs and literacy of the construction site workers and homeless in Delhi<br>2. <b>Neha Gupta</b> , Jugal Kishore. Work-related Musculoskeletal Pain among Dental Professional<br>3. <b>Almas Binnal</b> - Insights into radiation hazards and protection measures among Indian dental practitioners<br>4. <b>Sachin M Kharat</b> – Occupational Hazards in Nurses of Private hospital in Pune City<br>5. <b>Amruta Barhate</b> - Assessment of work process and the occupational hazards involved in the manufacture of Hepatitis B vaccine.<br>6. <b>Kajal Dungerwal</b> , Gandhi Nagar – Noise attitude, sensitivity level, motor and mental performance: An Empirical study on noise exposed Indian workers |
| 9.00AM-10.00AM   | <b>Conference hall 2A</b><br><b>Free Paper Session V: Environment health issue</b>  |
| <b>Chairs</b><br><br><b>Rapporteur</b>                           | <b>Dr. S Nagesh</b> Director Professor LHMC<br><b>Dr. Charan Singh</b> , Sr. Public Health Specialist, Govt of NCT Delhi<br><br><b>Dr. Anjana</b>   |
| <b>Free Papers</b>   | 1. <b>Vinod Joon</b> , NIIHW – Rapid Urbanization and Changing disease patterns in south-east Asia Region<br>2. <b>JMKB Jayasekara</b> , Sri Lanka – Geographical distribution of chronic kidney disease of unknown origin in Sri Lanka in the region of irrigation reservoirs<br>3. <b>Sharvari Ubale</b> , Chhattisgarh – Biomedical Waste Management: A Study of Knowledge, Attitude, Behavior and Practices of the Staff in the Public hospitals of Chhattisgarh<br>4. Paras Agarwal, <b>Sumeena</b> , SV Singh, GK Ingle, A Kapoor. Dental Fluorosis – An underestimated Public Health Challenge; evidence from Rural Delhi<br>5. <b>Priyanka Rai</b> , Rewa – Economic impact due to automobile air Pollution linked diseases in Rewa<br>6. <b>Yashika Ved</b> . Complications and Ailments of the Mind That Impact Everyday Health at Workplace  |
| 9.00AM-10.00AM   | <b>Conference hall 2B Free Paper Session VI: Psychological &amp; mental health issues</b>   |
| <b>Chairs</b><br><br><b>Rapporteur</b>                           | <b>Dr. GS Meena</b> , Director Professor, MAMC, New Delhi<br><b>Dr. Nirmal Verma</b> , Associate Professor JNMC Chhattisgarh<br><br><b>Dr. Anshul</b>   |
| <b>Free Papers</b>   | 1. <b>Meena JK</b> , Banerjee B. A Study of Psychological well-being among doctors in a government hospital of Delhi<br>2. <b>Seema Rani</b> , Delhi-Burnout and Job Satisfaction among health professionals<br>3. <b>Dinesh Raja</b> , Delhi – Predictors of stress, anxiety and depression among call handlers employed in international call centres in National capital region<br>4. <b>Abhishek Singh</b> , Haryana - A cross sectional study on Workplace Stress among Nursing staff at a Tertiary Care Teaching Hospital in Haryana  |

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|                    | <p><b>5. Ramachandra Kamath.</b> Contact dermatitis among Cashew Factory Workers in South India</p> <p><b>6. Shekhar Grover.</b> Mercury Spills: safety considerations and initiatives</p>  |
| 9.00AM-10.00AM     | <b>Foyer Poster Session II: Poster Presentation on Environmental Health &amp; Safety</b>  |
| <b>Chairs</b>      | <p><b>Dr. SK Bhasin</b>, Professor Community Medicine, UCMS, Shahadara</p> <p><b>Dr. Rajesh Kumar</b>, Associate Professor MAMC</p> <p><b>Dr. Vikrant Mohanty</b>, Assistant Professor MAIDS</p>  |
| <b>Rapporteur</b>  | <b>Dr. Pallavi</b>  |
| <b>Posters</b>     | <ol style="list-style-type: none"> <li>1. <b>Jayasekera JMKB</b>, Dissanayake DM, Adhikari SB, Palitha Bandara. Geographical distribution of chronic kidney disease of unknown origin in Sri Lanka in the region of irrigation reservoirs</li> <li>2. <b>Nabeel Ahmed</b>-Knowledge and Attitudes on Anti tobacco measures imposed under 'the Cigarettes and other Tobacco Products Act 2003' among Rural Men in Northern India.</li> <li>3. <b>Nuzhat Fatema</b> and Hasmat Malik-Hospital Information System (HIS) User Needs Analysis: A software survey</li> <li>4. <b>Randhir Kumar</b>, Anu Bhardwaj, Shalini Devgan, S K Ahluwalia, Jyoti Rani-Prevalence of needle stick injuries &amp; knowledge, attitude and practice regarding risk of HIV infection through accidental needle stick injuries among nurses in tertiary care hospital MMIMSR, Mullana district Ambala, Haryana.</li> <li>5. <b>Raman Sharma</b>, Meenakshi Sharma, Ratika Sharma, Vipin Kaushal-Human Mercury exposure, Health Impact and Safety and Preventive measures.</li> <li>6. <b>Harshika Kumari</b>, Vinod Joon, A Chandra, SC Kaushik, TS Bhatti-Chulha Smoke and its effect on Health</li> <li>8. <b>Bikash Chetry</b> Knowledge, Awareness and Practices towards Disaster in Urban Slums: A study in Balmiki Basti, Delhi Gate</li> <li>9. <b>Sunil K. Juneja</b>. 21<sup>st</sup> century: Still fighting against tropical diseases! Dengue – A concern during pregnancy especially in working women.</li> <li>10. <b>Zubia Veqar</b> -Postural Analysis of Laptop Computer Users: A review</li> <li>11. <b>Vivek Sharma</b>, Vikrant Mohanty-Green Healthcare: Eco Friendly Dentistry</li> <li>12. <b>Mukherjee Roop</b>, Anubha Mandal. Occupational Health Hazard and Mitigation during repair and maintenance of water supply network.</li> </ol> |
| 10.00-11.30AM      | <b>Auditorium</b><br><b>Scientific Session IV: Preventive Methodologies in Occupational health</b>  |
| <b>Chairs</b>      | <p><b>Dr. A K Sood</b>, Dean NIIFW, New Delhi,</p> <p><b>Dr. Sandeep Kaushal</b>, Asst Dean, Professor &amp; Head Pharmacology, DMC, Ludhiana</p>   |
| <b>Rapporteurs</b> | <b>Dr. Paras Agarwal; Dr. Shantanu Sharma</b>   |
| <b>Speakers</b>    | <ul style="list-style-type: none"> <li>• <b>Dr. RC Jiloha</b>, Director Professor &amp; Head Psychiatry GB Pant Hospital-Stress Management</li> <li>• <b>Dr. Dharmendra Kumar</b>, Director DDU Institute of Physical Handicapped: Rehabilitation of Occupational Disability</li> <li>• <b>Dr. Pankaj Arora</b>, Specialist Emergency Medicine, Royal North Shore Hospital Sydney, Australia - Urgent Care in Workplace accidents</li> <li>• <b>Shivani Chowdhury Salian</b>, Dr. Sujata Yardi (P.T), Resham D. Parikh- Prevention of Common Health Related Problems in Female Constables in Mumbai, India.</li> </ul>  |

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| 11.30 am–12.00 noon | Tea/ Coffee   |
| 12.00 noon–1.30 pm  | <b>Scientific Session V: Polices and Legal Framework in OH</b>  |
| <b>Chairs</b>       | <b>Dr. Jaideep Singh Kochher</b> , Joint Secretary NHRC<br><b>Dr. Suneela Garg</b> , Director Professor Community Medicine MAMC   |
| <b>Rapporteurs</b>  | <b>Dr. Pratap Kumar Jena, PHFI; Dr. Drishti</b>   |
| <b>Speakers</b>     | <ul style="list-style-type: none"> <li>• <b>Dr. MC Mehta</b>, Senior advocate Supreme court: Environmental Law in India</li> <li>• <b>Dr. B Ramaswamy</b>, Occupational health &amp; safety issues for working children</li> <li>• <b>Dr. S S Waghe</b>, Director Medical, DGFASLI, Central Labor Institute, Mumbai - Occupational health - Role of regulatory bodies.</li> <li>• <b>Murukutla N, Turk T, Malik V, Kunzru D, Mullin S.</b> World Lung Foundation. Addressing the tobacco epidemic in India through evidence based health communication.</li> <li>• <b>Dr. Furkan Ahmad</b>, Asso Prof Indian Law Institute: Environment &amp; Management Of Hazardous Substances:Law and Policy In India</li> </ul> |
| 1-30 pm - 2.15 pm   | <b>Lunch (NSC Cafeteria)</b>  |
| 2.15 pm - 3.30 pm   | <b>Scientific Session VI: OHS in Informal sector</b>  |
| <b>Chair</b>        | <b>Dr. Ratan Singh</b> , Former Professor and Head Community Medicine, USA<br><b>Dr. Ravindra Agarwal</b> , CMO and Nodal Officer, DHS, Govt of NCT Delhi   |
| <b>Rapporteurs</b>  | <b>Dr. Tanu Anand; Dr. Tapas</b>  |
| <b>Speakers</b>     | <ul style="list-style-type: none"> <li>• <b>Mukesh Gulati</b>, Executive Director Foundation for MSME Cluster, New Delhi: OHS Issues and challenges in MSME foundries</li> <li>• <b>Dr. Barry Kistnasamy</b> Executive Director NIOH, South Africa: Occupational health and Informal sector workers</li> <li>• <b>Dr. R S Tiwari</b>, President, Labor Resource Centre – Safety and health concerns of unorganized Informal workers</li> <li>• <b>Dr. Eram Rao</b>, Associate Professor Delhi University: Occupational Health and Safety concerns of Food Vendors in Delhi</li> </ul>   |
| 3.30pm-3.45         | <b>Tea (NSC cafeteria)</b>  |
| 3.45pm- 4.45pm      | <b>Panel Discussion: Prioritizing opportunities for International collaboration</b>   |
| <b>Panelists</b>    | <ul style="list-style-type: none"> <li>• <b>Dr. GK Ingle</b>, Director Professor &amp; Head Dept of Community Medicine MAMC</li> <li>• <b>Dr. Bary Kistnasamy</b>, Executive Director NIOH</li> <li>• <b>Dr. S S Waghe</b>, Director Medical, DGFASLI, Central Labor Institute, Mumbai</li> <li>• <b>Dr. Inakshi Naik</b>, NIOH, Johannesburg, South Africa</li> <li>• <b>Dr. Dharmesh Lal</b>, Associate Dean, IIHMR, New Delhi</li> <li>• <b>Dr. Tor Erik Danielsen</b>, Head OEM, Oslo University Hospital, Norway</li> <li>• <b>Anthony Aarons</b>, Executive Manager LJM Australia</li> </ul>  |
| <b>Rapporteurs</b>  | <b>Dr. Neha, Ms. Swati,</b>   |
| 4.45 pm- 5.30 pm    | <b>Certificate distribution for Best paper Award from each session, Valedictory and Closing Ceremony :</b><br><b>Chief Guest: Dr. LS Chauhan</b> , Director NCDC, Ministry of HFW, Govt of India<br><b>Dr. Tanu, Dr. Pallavi, Dr. Drishti, Dr. Tapas</b>  |