

SECTION		MEDICAL SCIENCES (INCLUDING PHYSIOLOGY)
Sectional President		Dr. Manjushree Ray , IPGME&R, Kolkata
Local Sectional Secretary		Dr S C Dash , KIMS , KIIT University, Bhubaneswar
Sectional Recorder		Prof Amitabha De , TIFAC Centre of Relevance & Excellence in Ergonomics and Human Factors Engineering, NITIE, Mumbai
January 04, 2012		
14:00 – 17:30		
Venue	:	Campus-5, Hall-7, KIIT University
Presidential Address	:	Manjushree Ray , IPGME&R, Kolkata <i>Challenges in Postoperative Pain Management</i>
Platinum Jubilee Lecture	:	Sampa Dutta Gupta , IPGME&R, Kolkata <i>Role of anaesthesiologist in paediatric cardiac cath lab.</i>
Invited Lectures	:	Dr.Ulhas.P. Naik ,, Delware Cardiovascular Research Central, University of Delaware, Newark <i>Insights in Platelet Integrin $\alpha_{IIb}\beta_3$ Regulation and Platelet Activation</i> Satya P. Kunapuli , Department of Physiology, Temple University Medical School, Philadelphia <i>Regulation and function of novel class of PKC isoforms in platelets</i> Ranjana Bhargava , University of Maryland Greenebaum Cancer Center. <i>Association between diabetes and cancer risk.</i>
Young Scientist Award presentation		Singh Rajender , Central Drug Research Institute , Lucknow <i>Partial deletions at the AZFc locus are strong risk factor for infertility in Indian sub-continent</i>

<p>Invited Lectures</p>	<p>Amar K Chandra, Dept of Physiology, Kolkata <i>Chromium and Vanadium in testicular toxicity</i></p> <p>Somnath Roy, Dept of Human Physiology & Community Health, Vidya sagar University, Midnapore <i>Severe Plasmodium falciparum malaria treatment failure is associated with a novel single nucleotide polymorphism in dhfr gene in some malaria endemic zone of eastern India</i></p> <p>Kamalesh Sarkar National Institute of Cholera and Enteric Diseases, Kolkata <i>Oncogenic HPV among HIV infected female population in West Bengal, India</i></p> <p>Tusharkanti Ghosh , Department of Physiology, University of Calcutta <i>Effect of lesion of basolateral amygdala on some reproduct function in female rats</i></p>
<p>Concurrent Poster Session –I (Poster 1-50)</p>	
<p>SECTIONAL COMMITTEE ELECTION</p>	
<p>January 05, 2012</p>	
<p>14:00 – 17.30</p>	
<p>Venue</p>	<p>: Campus-5, Hall-7, KIIT University</p>
<p>Invited Lectures</p>	<p>Srikanth S Nadadur, National Institute of Environmental Health Sciences, Research Triangle Park NC <i>Environmental Health and Safety of Engineered Nanomaterials: Scientific Research Needs for Safer Exploitation of Nanotechnology</i></p> <p>M. Prakash Hande, Yong Loo Lin School of Medicine and Tembusu College, National University of Singapore <i>Telomeres, Telomerase and DNA repair: At the crossroads of ageing and cancer</i></p>
<p>Symposium I: Back Pain:</p>	<p>: Subrata Ray Functional pathology of low back pain</p> <p>Subrata Goswami , ESI Hospital, Department of Labor, Government of West Bengal <i>Back Pain: Evaluation, current management options & outcome</i></p>

		<p>Gautam Das Chairman, World Institute of Pain-India, Pakistan & Sri Lanka <i>Back Pain: Newer management options</i></p>
ORATION		<p>P B Sen Memorial Oration: Dr Pradeep Das, Director, ICMR, Patna</p> <p>Chitralekha Mukherjee Memorial Oration: Dr Debidas Ghosh, Biomedical Lab, Vidyasagar University</p>
Invited Lectures	:	<p>Manoj Kumar Chakrabarti, National Institute of Cholera and Enteric Diseases (ICMR), Kolkata <i>Pathogenesis of diarrhoea caused by heat stable toxin secreted by enterotoxigenic Escherichia coli</i></p> <p>Swami Vedajnananda, Heritage Institute of Technology Kolkata <i>Efficacy of Recovery of Enzymes from Human Anatomical Waste with Special Emphasis on Affinity Ultrafiltration Technique</i></p> <p>Aithal K.S, MIT, Manipal University, Manipal <i>Strategies in Cancer Detection and Therapy using Nanotechnology</i></p> <p>Rekha Das Cuttack <i>A Survey on Medical Professional on the Concept and Management of Palliative Care</i></p> <p>Prakash C. Dhara, Vidyasagar University Medinipur <i>Assessment of lumber stress of the agricultural workers engaged in different rice cultivation tasks</i></p> <p>Shyamalendu Chatterjee, ICMR Virus Unit, Kolkata, <i>Molecular detection of multiple dengue serotypes in some fever cases in Kolkata</i></p>
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Hall B Campus-5, Hall-8, KIIT University	
Invited Lectures	<p>: Vivek Ambade, Defence Research Development Organization Pune <i>Somani-Ambade Method for Ceruloplasmin Estimation : In Less Than A Rupee Within A Minute</i></p> <p>Soumendu Darbar, Dept Pharma Tech, Jadavpur, kolkata <i>Combined ameliorative effect of Curcuma longa and Vitamin C on oxidative stress, protein profile and DNA fragmentation against Aceclofenac-induced liver damage</i></p>
Oral Presentations	<p>:</p> <p>PHARMACOLOGY</p> <p>Thaakur Santhrani, Institute of Pharmaceutical Technology, <i>Ameliorative effects of Tinospora cordifolia in sciatica pain induced rats</i></p> <p>Ganesan Krishnamoorthy, Central Leather Research Institute, Adyar, Chennai <i>Preparation and characterization of novel unnatural amino acids modified collagen matrix for design of scaffold</i></p> <p>Pushpahas Ballal, Food and Drugs Administration, M.S., Nagpur <i>Need For Review of Storage Conditions of Pharmaceuticals : Inhouse and During Transport</i></p> <p>Rajendra Diwe, Senior Sub-Editor, The Hitavada, Nagpur. <i>Pharmaceuticals to nutraceuticals a strategy of pharma companies to end drug control in India.</i></p> <p>PHYSIOLOGY</p> <p>Sudipta Pal, Tripura University, Suryamaninagar, West Tripura <i>Ameliorative effect of selenium and vitamin B₁₂ co-administration against arsenic-induced oxidative stress in male Wistar rats</i></p>

Deepti Majumdar, Defence Institute of Physiology & Allied Sciences, Lucknow Road, Timarpur, Delhi
Proactive Analysis of Visual performance in Pilots of a Fighter Aircraft under Virtual Reality Conditions

VECTOR BORN DISEASE

Dwijesh Kumar Panda,
Acute liver failure in a case of Bancroftian filariasis.

Manoj Ku. Mohapatra.S.S. Medical College, Burla, Orissa
*Manifestations and outcome of mixed species (*P. vivax* and *P.falciparum*) malaria—a prospective Study*

BIOFEEDBACK

Meenakshi Batra , Pandit Deen Dayal Upadhyay Institute for the Physically Handicapped

Influencing clinical markers of early motor development using NFDR technique in children with cerebral palsy

Vijay Batra: G. B. Pant Hospital, GNCT Delhi

EMG Biofeedback for hand function retraining in spinal cord injury patients with level C5-6.

CARDIOLOGY

Soumen Acharya, P Venugopal, All India institute of medical science and Satya Sai Institute of Higher Medicine
Myocardial Infraction and Depression in Patients Admitted In All India Institute of Medical Science & Satya Sai Institute of Higher Medicine

LIVER

Subhash Medhi, Maulana Azad Medical College, N Delhi
Association of Toll-Like Receptor 3 with Disease Severity in Indian Patients with Chronic Hepatitis C Virus Infection.

	<p>ACUPUNCTURE:</p> <p>Bhaskar Jyoti Bhattacharya, Dr B.K. Basu Memorial Research & Training Institute of Acupuncture, Kolkata <i>Role of Scalp Acupuncture In Autism</i></p> <p>Mrigendranath Gantait , Jadavpur University, Kolkata <i>Acupuncture therapy in Irritable Bowel Syndrome</i></p> <p>Asit Kumar Nandy, Haridevpur, Kolkata <i>Acupuncture – Effective Therapy for Low Back Pain & Sciatica.</i></p> <p>Asit Halder, Dr. B.K. Basu Memorial Research & Training Institute of Acupuncture, Kolkata <i>Acupuncture in hyperglycaemia</i></p>
Concurrent Poster Session –II (Poster 51-100)	

January 06, 2012		
14:00 – 17:30		
Venue		Campus-5, Hall-7, KIIT University
Invited Lecture	:	Shahid Umar , University of Kansas, USA <i>Bacterial Infection Induced epithelial to mesenchymal transition (EMT) of colonic Crypts cells with acquired characteristics of stem cells: a novel concepts</i>
Symposium II: Trauma: Rescue To Resilience:	:	Suresh Ramasubban , Apollo Gleneagles Hospitals, Kolkata <i>Intensive care Management of Trauma Patients</i> Saikat Sengupta ,Apollo Gleneagles Hospitals, Kolkata <i>Management of the Traumatized Airway</i> VR Ramanan , Tata Memorial Hospitals, Kolkata <i>Administrator's Role in Trauma Management</i>

	<p>Biswanath Somadder, Hon'ble Justice , High Court at Calcutta <i>Medico Legal aspects of trauma management in India</i></p>
<p>Invited Lectures</p>	<p>: Addinki Pratap Kumar , University of Texas Health Sciences, USA <i>Exploiting nature's bounty for cancer management</i></p> <p>Nibedita Pani, S C B Medical College , Cuttack,Odisha <i>Evaluation of acute Organophosphorous Poisoning cases in a tertiary care hospital(S C B Medical College,Cuttack)in Odisha, India.</i></p> <p>T.K.Bose, College Of Medicine & J. N. M. Hospitals, W.B. University of Health Sciences. Kalyani <i>Rape Of the Mind</i></p> <p>A. M. Chandra, Department of Physiology, University College of Science & Technology, Kolkata <i>Study of body alertness (Reaction time) under the threats of both physical and environmental (Heat) stressors</i></p> <p>Somnath Gangopadhyay, University College of Science and Technology, University of Calcutta <i>An Ergonomics Study on the Effect of Different Working Postures of the Porters of a Central Market Area in Kolkata</i></p> <p>D. Majumdar, Defence Institute of Physiology and Allied Sciences, Delhi <i>Existing workstation of Indian working women and recommended work console</i></p> <p>Debkumar Chakrabarti, Indian Institute of Technology Guwahati, Guwahati <i>Ergonomics risk factors and design relevance</i></p> <p>Amit Pal, NICED, Kolkata <i>Studies on a novel serine protease in Vibrio cholera</i></p> <p>S C Dash, KIMS , Bhubaneswar <i>Organ transplant, Organ donation & Concept of Brain</i></p>

		<i>Death</i>
Venue: Campus-5, Hall-8, KIIT University		
Invited Lectures	:	<p>Amit Bandyopadhyay, Sports and Exercise Physiology Laboratory, University College of Science and Technology, Kolkata <i>Effects of acute supplementation of caffeine and Panax ginseng on endurance running performance in a hot and humid environment</i></p> <p>Krishna Roy, Hooghly Mohsin College, West Bengal <i>Nutritional Status of Pre, Peri and Post Menopausal Rural Santal Women of Two Districts of West Bengal.</i></p> <p>Debasish Bandyopadhyay, Department of Physiology, University College of Science and Technology, Kolkata <i>Cadmium-induced oxidative stress in rat heart: protection by Curry leaf aqueous extract – A new approach</i></p> <p>Sujata Maiti Choudhury, Vidyasagar University, Midnapore <i>Composite mixtures of Ocimum sanctum & Eupatorium ayapanana enhance cytotoxic, apoptotic, antiproliferative and antioxidant effects against Dalton's ascites lymphoma (DLA)</i></p> <p>Ratna Chattopadhyay, Embryologist, Institute of Reproductive Medicine, Kolkata <i>Role of Nutraceuticals in Male Infertility</i></p> <p>R K Soni, Dayanand Medical College and Hospital, Ludhiana, Punjab <i>Emergence of Life Style Diseases in Punjab</i></p>
Oral Presentation:	:	<p>MISCELLANEOUS:</p> <p>Ratul Datta, Department of Journalism and Mass Communication, University of Calcutta <i>History of Medical Science in India since British Rule</i></p>

Dilip Kumar Nandi, Raja N. L. Khan Womens College, Midnapore

Characterization of Sporosarcina pasteurii (MTCC 1761) strain as an effective probiotic for the treatment of uremia and study the survival in rat intestine

Purushottam Pramanik, Department of Physiology, Hoogly Mohsin College, West Bengal, India.

Effect of aqueous extract of khaini on male gonads of albino rats.

Indranil Manna, Midnapore College, Midnapore, West Bengal, India

Effect of 12 Weeks of Training on Physiological Variables of Adolescent Soccer Players

Suriyakumari, K.V.P, Sri Manakula Vinayagar Medical College, Madagadipet, Puducherry

Optical Microscopic Analysis of Liver of Albino Mice Treated With Sildenafil Citrate (Caverta) and Ethanol

Amit Parashar, Hardayal Technical Campus, Farah Mathura, India

The influence of pomegranate fruit extract in comparison to regular pomegranate juice and seed oil on nitric oxide and arterial function in obese Mullikan rats

Arnab Ghosh, Visva Bharati University, Sriniketan
Genetics of Metabolic Syndrome

Akash C. Mishra, Nehru Gram Bharti University, Allahabad

Lactational exposure to atypical antipsychotic drugs disrupt pituitary-ovarian axis of mice

Suryakanta Narendra, Dental College, Cuttack, Orissa,

Medical Techniques vis a vis medical technology, (Technique involves science of medical examination & treatment)

Priyanshu V. Rathod, RK University, Rajkot

Efficacy of Physiotherapy biofeedback in management of Hypertension”

		Pronab Chatterjee , AIIH & PH, Kolkata <i>Multifactorial Aetiology of Myocardial Infarction</i>
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Concurrent Poster Session –III (Poster 101- 138)		

January 07, 2012		
14:00 – 16:00		
Venue		Campus-5, Hall-7, KIIT University
Oral Presentations		
Invited Speakers	:	<p>Sircar R, The Feinstein Institute for Medical Research, and Hofstra University North Shore-LIJ School of Medicine, New York, USA <i>Adolescence, cognition and underage drinking: an animal model</i></p> <p>Tathagata Dutta, Aizant Drug Research Solutions, Hyderabad Delivery Challenges For The Development of RNAi Therapeutics</p> <p>S. Krupanidhi, Department of Biosciences, Sri Sathya Sai Institute of Higher Learning, Prasanthinilayam <i>Killer immunoglobulin-like receptor gene polymorphism in the endemic population of Puttaparthi.</i></p> <p>Neeraj K.Chauhan, M K Agarwal, All India Institute of Medical Sciences, New Delhi <i>Studied on some of the prognostic markers in HIV-1 infected Indian individuals</i></p>

<p style="text-align: center;">Oral Presentations</p>	<p>Dwaipayan Bharadwaj, Institute of Genomics & Integrative Biology (CSIR), Delhi <i>Genome wide association studies of type 2 diabetes and related traits in Indians</i></p> <p>Samir Sil, Tripura Hepatitis B Virus (HBV) genotypes in Tripura</p> <p>B.R.Das, Super Religare Laboratories Limited Goregaon (W), Mumbai, <i>Molecular Diagnostics: Expanding Horizon beyond Diagnostics</i></p> <p style="text-align: center;">PHYSIOLOGY</p> <p>Amartya Roy , Department of Physiology, University of Calcutta, Kolkata <i>Cigarette Smoking Alters Some Functional Properties of Hemoglobin In Male Human Volunteers</i></p> <p>Debasish Maiti, Department of Human Physiology, Tripura University, Tripura <i>MEF₂C gene is downregulated by TNFα in human retinal endothelial cell</i></p> <p>Magna Manjareeka, Kalinga Institute of Medical Sciences, Bhubaneswar <i>Serum Electrolyte Levels in Preeclamptic Women</i></p> <p>Jayanti Mishra, Dept of Physiology , Kalinga Institute of Medical Sciences, Bhubaneswar <i>Peak expiratory flow rate and anthropometric determinants among students of Kalinga Institute of Medical Sciences and Dental Sciences, Bhubaneswar, Orissa</i></p>
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Venue	:	Campus-5, Hall-8, KIIT University
Invited Speaker	:	<p>Chandravanu (CV) Dash, Ph.D., Assistant Professor Center for AIDS Health Disparities Research</p> <p><i>XMRV Accelerates Cellular Proliferation, Transformational Activity, and Invasiveness of Prostate Cancer Cells by Downregulating p27^{Kip1}.</i></p>
Oral Presentations	:	<p>FORENSIC MEDICINE</p> <p>Babul Banerjee, West Bengal Forensic Science Laboratory, Kolkata <i>Gastric Lesions and Poisoning Medico Legal</i></p> <p>Raj K. Shrivastava, State Forensic Science Laboratory, Sagar <i>Close Range Phenomena of Firearm Injuries by Country Made Firearms: Modification of Effects and Medico Legal Interpretations</i></p> <p>Pankaj Shrivastava ,, Chemical Examiner, MP <i>Customized differential extraction method for excess female DNA in sexual assault case: A case study</i></p> <p>HOMEOPATHY:</p> <p>Ashoke Kumar Pradhan, Institute of HYCT Research & Education, Kolkata <i>Homeopathy in common cancer: A critical analysis</i></p> <p>Kajal Ghosh <i>Homeopathic treatment in breast cancer</i></p> <p>U K De Sphere of homeopathic medicines in the treatment of renal failure</p> <p>MISCELLANEOUS:</p> <p>Arijit Ghosh, Medical University of Graz, Austria <i>cOFM: A novel technique to explore extracellular milieu in brain</i></p>

		<p>Sumitra Singh , Amity University,Noida <i>Role of Alternative Medicine in the treatment of Cancer</i></p> <p>Manisha N. Shah, Institute of Computer Education and Applied Sciences, Surat, Gujarat</p> <p><i>Prevalence of Early-onset sepsis in very low birth weight neonates in Surat, Gujarat and its controlling measures</i></p> <p>Amal C. Mondal, Raja Peary Mohan College, Jadavpur University, Kolkata</p> <p><i>Stress : The Negative modulator of NGF</i></p> <p>Narendra Nath Sarkar, Department of Reproductive Biology, AIIMS, New Delhi</p> <p><i>Factors associated with the natural course of life domains affecting sex and sexuality in ageing people</i></p>
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GENERAL DISCUSSION AND RECOMMENDATIONS		