

SECTION	MEDICAL SCIENCES (INCLUDING PHYSIOLOGY)
<b>Sectional President</b>	<b>Prof. Prakash C. Dhara</b> , Department of Human Physiology with community Health, Vidyasagar University, Midnapore
<b>Sectional Recorder</b>	<b>Prof. Sujata Maiti Chudhury</b> , Department of Human Physiology with community Health, Vidyasagar University, Midnapore
<b>Sectional Secretary</b>	<b>Dr. Navneet Khurana</b> , Department of Pharmaceutical Sciences, Lovely Professional University, Jalandhar, Punjab

<b>January 04, 2019</b>	
<b>14:00 – 17:00</b>	
<b>SECTIONAL COMMITTEE MEETING</b>	
<b>Venue</b>	<b>Block 7, Room - 400</b>
<b>Presidential Address</b>	<p><b>Prakash C. Dhara</b> , Department of Human Physiology with community Health, Vidyasagar University, Midnapore, West Bengal</p> <p><i>Future Development of India: Role of Ergonomics and occupational health</i></p>
<b>Platinum Jubilee Lecture</b>	<p><b>Amit Pal</b> , Nation Institute of Cholera and Enteric Disease, Kolkata</p> <p><i>Role of microbial proteases in pathogenesis and molecular targeting therapy of cancer</i></p>
<b>Young Scientist Award Presentations</b>	<p><b>Asha Singh</b>, UNESCO-Trace Element Satellite Centre, School of Studies in Zoology, Jiwaji University, Gwalior, M. P.</p> <p><b>Deotima Sarkar</b>, Endocrinology of Physiology Laboratory, Department of Physiology, University of Calcutta, Kolkata</p> <p><b>Archi Ghosh</b>, Institute of Post-Graduate Medical Education &amp; Research, Manjulika B,EKTP, Phase – IV, No. C-34/4, Kolkata</p>

<b>Invited Lectures</b>	<b>Kusal Das</b> , Laboratory of Vascular Physiology & Medicine, Department of Physiology, BLDE (Deemed to be University), Vijayapur, Karnataka, India  <i>Oxygen sensing and Lead (Pb) toxicities: Molecular interactions, cell signaling &amp; antioxidant defense</i>
	<b>Animesh Dhar</b> , University of Kansas Medical Center, USA
	<b>Hari S Sharma</b> , Institute for Cardiac Research, Dept. of Pathology, VUMC, University medical Center, Amsterdam, the Netherlands  <i>Advances in pathobiology and therapeutic targets for chronic obstructive pulmonary disease (COPD)</i>
	<b>Shrikant Anant</b> , University of Kansas Medical Center, USA
<b>SECTIONAL COMMITTEE ELECTION</b>	

<b>January 05, 2019</b>	
<b>Symposium I</b> Occupational Health and Ergonomics for future development of India	
<b>14.00 – 15.30</b>	
<b>Venue</b>	<b>Block 7, Room - 400</b>
<b>Invited Lectures</b>	<b>Deb Kumar Chakarboty</b> , Department of Design, Indian Institute of Technology Guwahati, Guwahati, India  <i>Universal Design Ideation: Role of Ergonomics</i>
	<b>Devashish Sen</b> , Ergonomics work physiology and occupational health management laboratory, Department of Life sciences, Presidency University , Kolkata  <i>Assessment of postural stress, body part discomfort and physiological work load of women workers in unorganized brick manufacturing unit of West Bengal, India</i>
	<b>Sunil K Hota</b> , Additional Director, O/o DG (LS), DRDO Bhawan, Rajaji Marg, New Delhi  <i>Physiological challenges at high altitude battle fields</i>
	<b>Madhusudan Pal</b> , Ergonomics Division Defence Institute of Physiology and Allied Sciences Lucknow Road,

	<p>Timarpur, Delhi</p> <p><i>Ergonomics Study of Infantry Combat Vehicle Operation</i></p> <p><b>Pralay Majumdar</b>, Senior Scientific Officer, Department of Exercise Physiology, Sports Science, Sports Authority of India, NSSC, Bangalore, India</p> <p><i>Scientific support of national rowing team – physiological perspective</i></p>
<p><b>Symposium II</b></p> <p><b>Contemporary research in medical and allied sciences for future India</b></p>	
<p><b>14.00 – 15.30</b></p>	
<b>Venue</b>	<b>Block 6, Room - 501</b>
<b>Invited Lectures</b>	<p><b>Amar K Chandra</b>, Endocrinology and Reproductive Physiology Laboratory, Department of Physiology, University of Calcutta 92, APC Road, Kolkata</p> <p><i>Autoimmune thyroid diseases in post salt iodization scenario</i></p>
	<p><b>Goutam Pal</b>, Department of Physiology, University of Kalyani, Kalyani, West Bengal- 741235, India.</p> <p><i>Understanding of efferent neurocrine mechanism involved in metanil yellow induced inhibition of the contraction of uterine smooth muscle ex vivo in rat.</i></p>
	<p><b>Debasish Bandopadhyay</b>, Department of Physiology University of Calcutta, University College of Science and Technology, 92, APC Road, Kolkata 700 009, India</p> <p><i>Melatonin as a cardioprotective antioxidant: mechanistic insight</i></p>
	<p><b>Somenath Roy</b>, Professor, Department of Human Physiology with community Health, Vidyasagar University, Midnapore -721102, West Bengal</p> <p><i>Antigen conjugated nanoparticles reprogrammed the tumor-conditioned macrophages toward pro-immunogenic type through regulation of NADPH oxidase and p38MAPK</i></p>
	<p><b>Dipak Sarkar</b>, PhD, DPhil; Board of Governors Distinguished Professor and Director, Rutgers Endocrine Program, Rutgers, The State University of New Jersey, New Brunswick, NJ 08901, USA</p> <p><i>Extracellular vesicles exosomes and complements control microglial neurotoxic action in the hypothalamus</i></p>

## Invited Lectures

**15.45 – 17.00**

**Venue**

**Block 7, Room - 400**

**Ranabir Pal**, Professor and Chair (Head), Department of Community Medicine, MGM Medical College and Hospital, Kishanganj, Bihar, India.

*Plausibly preventable pandemic of road traffic injury*

**Kamal Dua**, Discipline of Pharmacy, Graduate School of Health, University of Technology Sydney, Ultimo NSW 2007, Australia

*Biological targets for therapeutic interventions in Chronic obstructive airway diseases*

**Chandradipa Ghosh**, Professor, Department of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal, India

*Bioremediation of Polycyclic Aromatic Hydrocarbons (PAHs) by Pseudomonas putida isolated from Petroleum-Polluted Site*

**Prabir mukherjee**, Department of Life Sciences, Presidency University, 86/1 College St, Kolkata

*The application of  $\alpha$ -tocopherol and ascorbic acid protect arsenic-induced oxidative stress-mediated DNA damages in testicular tissues*

**Subrata De**, Dept. of Zoology , Vidysagar University, Midnapore , West Bengal

*Cytological Characterization of Neural Degeneration in Olfactory Sensory System of Fish*

**Rajen Haldar** , Department of Physiology, University of Calcutta.

*Cigarette Smoking and Its Threat To Erythrocyte: An Investigation Searching For Its Survival Strategies*

**Sandip K. Singha**, Department of Human Physiology with Community Health ,Vidyasagar University, Paschim Medinipur, 721102, West Bengal, India

*Green synthesis of Manganese oxide nanoparticles using Carica Papaya (Papaya) leaf extract and screening its ameliorative activity of hepatocyte cell in mice*

<b>Invited lecture</b>	
<b>15.45 – 17.00</b>	
<b>Venue</b>	<b>Block 6, Room - 501</b>
	<p><b>Phanithi Prakash Babu</b> , Department of Biotechnology and Bioinformatics, School of Life Sciences, University of Hyderabad, Hyderabad-500046, Telangana State, India</p> <p><i>Astrocytoma: Understanding the molecular mechanisms for therapeutic utility.</i></p>
	<p><b>Atis Kumar Chattopadhyay</b>, Principal Secretary, Faculty Council for PG &amp; UG Studies in Science, Jadavpur University, Kolkata</p> <p><i>Importance of Animal Experimentation in Physiology and Medicine: Indian Scenario</i></p>
	<p><b>Pasupuleti Sreenivasa Rao</b>, Research Scientist/Adjunct faculty/ Research advisory professor, Department of Biochemistry, Narayana Medical College and Hospitals. Chintareddypalem. Nellore-524003, Andhra Pradesh, India</p> <p><i>Novel and smart innovative strategies to identify new drugs for cancer</i></p>
	<p><b>Samir Kumar Sil</b>, Molecular Genetics and Cell Physiology Lab, Department of Human Physiology, Tripura University, Suryamaninagar, Tripura</p> <p><i>Molecular and cellular basis of wound healing activity of <i>Parkia javanica</i> (Lamk.) Merr.</i></p>
	<p><b>Sujata Law</b>, Assistant Professor, Stem Cell Research and Application Unit, Department of Biochemistry and Medical Biotechnology, Calcutta School of Tropical Medicine, 108 C.R. Avenue, Kolkata, West Bengal, India</p> <p><i>Cellular signaling and physiology related alterations in Leukaemic mice and Ayurvedic intervention</i></p>
	<p><b>Shyamalendu Chatterjee</b> and Rajendra Prasad Chatterjee Former Scientist; ICMR Virus Unit; Kolkata; ID &amp; BG Hospital Campus: Kolkata</p> <p><i>Dissemination of chikunguniya virus infection in West Bengal, India-A seroepidemeological Insight Study (2017-2018)</i></p>
	<p><b>Sandip Chattopadhyay</b>, Dept. of Biomedical Laboratory Science and Management (Clinical Nutrition and Dietetics</p>

	<p>Division) Vidyasagar University, West Bengal</p> <p><i>Role of CCPS in the cure of arsenic induced uterine apoptotic changes</i></p> <p><b>Debasish Maiti</b>, Priyatosh Nath, Debabrata Majumder, Rahul Debnath Immunology Microbiology Lab, Department of Human Physiology, Tripura University</p> <p><i>Antiproliferative activity of methanolic extract of Caesalpinia mimosoides Lamk. on melanoma and hepatic carcinoma cells</i></p>
<b>Invited lecture</b>	
<b>15.45 – 17.00</b>	
<b>Venue</b>	<b>Block 6, Room – 509</b>
	<p><b>Ekta Khandelwal</b>, Associate Professor Department of Physiology, AIIMS Raipur, INDIA</p> <p><i>Inculcating research culture among medical students</i></p> <p><b>Bulbul Thakur</b>, Retired Associate Professor of Physiology, Raja Peary Mohan College, Uttarpara, Hooghly</p> <p><i>Impact of socio-economic and cultural factors on prevalence of anemia among bengali adolescent population: a comparison between muslim and non-muslim school students in rural and urban bangla, india.</i></p> <p><b>Krishna Roy</b>, Professor of Physiology &amp; Principal, Sister Nivedita Govt General Degree College For Girls, Hastings House, Kolkata</p> <p><i>Eating Disorders: An Alarming health hazard in the current century</i></p> <p><b>Dilip Mukherjee</b>, Payel Guha, Shreyasi Gupta, Surav Majumder, and Koushik Sen, Department of Zoology Kalyani University, Kalyani</p> <p><i>Expression pattern of g protein-coupled estrogen receptor (gper) in normal and estrogen-deficient mice endometrium</i></p> <p><b>Urmi R Salve</b>, Department of Design, Indian Institute of Technology Guwahati, Assam, India</p> <p><i>Importance of Theoretical and Statistical Models in Ergonomics and Design: A Review</i></p> <p><b>Ajay Kumar Singh</b>, Institute of Nuclear Medicine &amp;</p>

	<p>Allied Sciences, Big SK Mazumdar Marg, Timarpur, Delhi</p> <p><i>Futuristic Animal Alternative Technologies for Medical and Allied Sciences</i></p>
	<p><b>Patiti Ghosh</b>, Department of Physiology, West Bengal State University, India</p> <p><i>P-glycoprotein Interaction with Common Anti-diabetic Herbs and Commercial Drugs – A Comparative Study</i></p>
<b>Oral Presentations</b>	
<b>17.00 – 18.00</b>	
<b>Venue</b>	<b>Block 7, Room - 400</b>
<b>Oral Presentations</b>	<p><b>Amrita Ghosh</b>, Department of Biochemistry, Calcutta Medical College 88, College Street, Kolkata</p> <p><i>Glycaemic control in hypothyroidism with Diabetes mellitus</i></p>
	<p><b>Misha Roy</b>, Core Faculty, Directorate of Distance Education, Vidyasagar University, Midnapur, West Bengal</p> <p><i>An Overview of Statistics on Potable Water Quality and Health Issues in Asansol, W.B., India</i></p>
	<p><b>Sushil Kumar Maheshwari</b> and Preksha Sharma, Associate Professor, Dept. of Psychiatric nursing, University College of Nursing, Baba Farid University of Health Sciences, Faridkot, Punjab</p> <p><i>Socio Demographic Profile of Selfie Taking College Students using internet</i></p>
	<p><b>Agnibha Maiti</b> and Anup Kr Bhattacharya, IPGMER, SSKM Hospital, Kolkata</p> <p><i>Study of chronic leg pain in patients of Parkinson's disease and implications of Vitamin D supplementation</i></p>
	<p><b>Poonam Kumari</b> and Vaibhava Raaj, Associate Professor, Dept Of Zoology, Maharaja College, Ara, Bihar</p> <p><i>Oral health: gateway to general health</i></p>
	<p><b>Simranjeet Kaur</b> and Amrinder Kaur, School of Pharmaceutical Sciences Lovely Professional University, Punjab</p> <p><i>An ayurvedic insight for food incompatibility (viruddha</i></p>

	<p><i>aahar</i>)</p> <p><b>Babul Bandyopadhyay</b>, Chemistry Division Forensic Science Laboratory, Kolkata</p> <p><i>Suicidal events in medico legal cases and forensic social welfare services</i></p> <p><b>M.Varalakshmi</b>, School of Medical Sciences, University of Hyderabad, Hyderabad Central University Campus ,Hyderabad,India</p> <p><i>Gender dimensions of health and social support among older adults; A Community based study</i></p> <p><b>Piyanka Sengupta</b>, Krishna Roy and Bulbul Thakur Sister Nibedita Govt. General Degree College For Girls, Hastings House, Kolkata</p> <p><i>Metabolic Syndrome: Prevalence &amp; consequences of Poly Cystic Ovarian Syndrome (PCOS) in young women</i></p>
<b>Oral Presentations</b>	
<b>17.00 – 18.00</b>	
<b>Venue</b>	<b>Block 6, Room - 501</b>
	<p><b>Rakesh Mohan</b>, Suchitra Kumari, and Arvind Kumar Ranjan , Department of Zoology, R. N. College, Hajipur</p> <p><i>Study of the awareness about AIDS/HIV among the selected categories of the people of the locality Bari isupur of Hajipur Town, Vashali, Bihar</i></p> <p><b>Sourav Manna</b> and Prakash Chandra Dhara Department Of Human Physiology with Community Health, Vidyasagar University, Midnapore,West Bengal., India</p> <p><i>Family Socioeconomic status and executive function of primary school children of West Bengal: A Cross-sectional study</i></p> <p><b>Indranil Manna</b>, G. L. Khanna, P. C. Dhara Department of Physiology, Midnapore College (Autonomous), Midnapore, W. B.</p> <p><i>Physiology of soccer</i></p> <p><b>Sutanu Dutta Chowdhury</b>, Department of Physiology, Basirhat College, Basirhat, Pin-743412, West Bengal,</p>



	<p>India</p> <p><i>Assessment of nutritional status on Munda children of Purulia district, West Bengal India</i></p> <p><b>Tapas Kumar</b> Associate Prof. of Medicine, GIMS, Kolkata <i>Hand osteoarthritis</i></p> <p><b>Indu Melkani</b>, Emmanuel Malama, Chimwemwe Mwansa, and Bimlesh Kumar, School of Pharmaceutical Sciences, Lovely Professional University, Punjab, India</p> <p><i>A potential role of probiotics in peripheral neuropathy</i></p> <p><b>Bithin Kumar Maji</b>, Arnab Banerjee, and Sandip Mukherjee, Post Graduate Department of Physiology, Serampore College, Serampore, Hooghly-712201, West Bengal, India</p> <p><i>Altered composition of high lipid diet may disturb liver functional status: a molecular approach</i></p> <p><b>Sandip Mukherjee</b>, Oly Banerjee, Siddhartha Singh, Anindita Banerjee, Arnab Banerjee, Bithin Kumar Maji, Post Graduate Department of Physiology, Serampore College, Serampore, Hooghly</p> <p><i>Nicotine and its adverse effects on pancreatic islets of rat: an intervention study</i></p> <p>Satarupa Banerjee<sup>1</sup>; Priyanka D Sangma; Swagata Mondal; Shatabdi Das; Sohini Chakraborty; Kumari Visakha; Sandhimita Mondal<sup>1</sup>; <b>Arnab Ganguli</b>, Department of Microbiology, Techno India University, West Bengal, <i>Preparation and application of keratin doped copper nanoparticles against uropathogenic e.coli potentially causing urinary tract infections.</i></p> <p><b>Arijit Chakraborty</b>, Kiran Singh, Rajender Singh Department of Molecular and Human Genetics; Banaras Hindu University <i>Spermicidal efficacy of iodine exposure on male reproductive system: future perspectives to be explored as non-hormonal male contraceptive</i></p>
<b>Oral Presentations</b>	
<b>17.00 – 18.00</b>	

Venue	Block 6, Room – 509
	<p><b>Ajay Kumar Bikkini</b> , Department of Zoology, VSM Degree &amp; PG College, Ramachandrapuram 533255, Andhra Pradesh, India</p> <p><i>Haematological changes in fish Heteropneustes fossilis (Bloch) under Vanadium stress</i></p>
	<p><b>Singh, AK</b> and Roy, BG, Institute of Nuclear Medicine &amp; Allied Sciences, Timarpur, Delhi-110054</p> <p><i>Futuristic Animal Alternative Technologies for Medical and Allied Sciences</i></p>
	<p><b>Amit Karmakar</b>, Parimal Dua and Chandradipa Ghosh Microbiology and Immunology Laboratory, Department of Human Physiology with Community Health, Vidyasagar University, Midnapore-721 102, West Bengal, India</p> <p><i>Identification of NorA and NorB Mediated Multidrug-resistant Efflux Pump System in Clinical Isolates of Staphylococcus aureus</i></p>
	<p><b>Ardhendu Bikash Sarma</b>, Formerly Central Drugs Laboratory, Kolkata.</p> <p><i>Pan masala versus clinical efficacy of drugs</i></p>
	<p><b>Asit Kumar Chakraborty</b>, Department of Biotechnology and Biochemistry, OIST, Vidyasagar University, Midnapore-721102, W. B.INDIA</p> <p><i>Heterogeneous Phyto-Antibiotics will be Future Drugs against Superbugs</i></p>
	<p><b>Estari Mamidala</b> and Swapna Gurrapu, Infectious Diseases Research Lab, Department of Zoology, Kakatiya University, Warangal, (Telangana State), India</p> <p><i>In vitro Anti-HIV activity of Andrographolide isolated from Andrographis paniculata leaves</i></p>
	<p><b>Ravikant Singh</b>, Biswa Prakash Nayak, Himanshu Khajuria , Amity University, Noida, Uttar Pradesh</p> <p><i>Analysis of Buccal Epithelial Cells in Tobacco Consumers</i></p>
	<p><b>Suriyakumari, K.V.P .</b>, Udayakumar, R and Rakesh kumar Professor &amp; Head, Department of Anatomy, Sri Manakula Vinayagar Medical College &amp; Hospital, Madagadipet, PUDUCHERRY</p>

	<p><i>UV-vis spectrophotometric studies on the impact of sildenafil citrate (viagra) and ethanol on liver of albino rats</i></p> <p><b>Parthapratim Maiti</b>, Agamani Pattanayak, Koushik Chandra and Alope Bhattacharjee Department of Botany, Midnapore College (Autonomous), Midnapore</p> <p><i>Synedrella nodiflora and Alternanthera tenella decreases the food sustainability by altering the physiobiochemical quality of mung bean pulse</i></p>
<b>Concurrent Poster Session –I</b>	
<b>15.00 – 17.30</b>	
<b>Block 8, Room – 402 &amp; 406</b>	
<b>Poster nos. PP1 to PP60</b>	
<b>BEST POSTER AWARD PRESENTATION</b>	

<b>January 06, 2019</b>	
<b>14.00 – 15.30</b>	
<b>Symposium I</b> <b>Occupational Health and Ergonomics for future development of India</b>	
<b>Venue</b>	<b>Block 7, Room – 400</b>
<b>Invited Lectures</b>	<p><b>A M Chandra</b> , Ergonomics, Sports and Exercise Physiology Laboratory Department of Physiology University College of Science &amp; Technology University of Calcutta, Kolkata</p> <p><i>Study of occupational health problems of the fish processing workers in West Bengal</i></p> <p><b>Somenath Gangopadhyay</b>, Department of Physiology, Occupational Ergonomics Laboratory, University of Calcutta, Kolkata</p> <p><i>Suffering and the Sufferer: Chronic Low Back Pain and the</i></p>

	<p><i>Jute Mill Workers in India</i></p> <p><b>Subhasis Sahu</b>, Ergonomics and Occupational Physiology Laboratory, University of Kalyani, Kalyani , West Bengal, India</p> <p><i>Effects of occupational heat exposure on the female brick moulders in India</i></p>
	<p><b>Neeru Kapoor</b>, Occupational Health Division, Defence Institute of Physiology and Allied Sciences, Lucknow Road, Timarpur, Delhi</p> <p><i>Noise Pollution and Safety in Indian Military</i></p>
	<p><b>S K Sharma</b>, Defence Institute of Physiology &amp; Allied Sciences, Lucknow Road, Timarpur, Delh</p> <p><i>Improving Habitability under extreme conditions at High Altitude</i></p>
	<p><b>Rauf Iqbal</b>, Shreya Maulik, Arundhati Guha Thakurta, and Amitabha De National Institute of Industrial Engineering, Vihar lake, Mumbai, India</p> <p><i>Manufacturing ergonomics – assessment and intervention on shop floor</i></p>
<p><b>Symposium II</b>  <b>Contemporary research in medical and allied sciences for future India</b>  <b>Block 6, Room – 501</b>  <b>14.00 – 15.30</b></p>	
<b>Invited Lectures</b>	<p><b>Jeffrey H. Withey</b>, Department of Biochemistry, Microbiology, and Immunology, Wayne State University School of Medicine, Detroit, MI; 2CSIR-Institute of Microbial Technology, , Chandigarh</p> <p><i>Glucose metabolism by Escherichia coli inhibits Vibrio choleraeintestinal colonization of zebrafish</i></p>
	<p><b>O.N. Paramasivan</b>, Senior Consultant Orthopaedic Surgeon (Retired) United Lincolnshire Hospitals NHS Trust, United Kingdom</p> <p><i>Management of Primary Malignant Bone tumours of Extremities: Current Concepts.</i></p>
	<p><b>Anup Bhattacharya</b>, North City Hospital and Neuro Institute – Kolkata.</p> <p><i>Metabolic syndrome- a brain disease.</i></p>

	<p><b>Tushar K Ghosh</b>, Dept of Physiology, UCSTA, University of Calcutta, Kolkata</p> <p><i>Impairments of memory and neurodegeneration are related to inflammation in some Animal models of Alzheimer's Disease</i></p>
	<p><b>Rajendra Prasad</b>, Department of Chemistry, Fiji National University, Lautoka Campus, P.O. Box 5529, Lautoka (FIJI).</p> <p><i>Structure of azo-food dye metabolites and pathways of their attention deficit, hyper activity disorder (ADHD) effects</i></p>
<b>Special session</b>	
<b>15.30 – 15.40</b>	
<b>Full Bright Scholarship</b>	<b>Pratibha Nair</b>
<b>Invited Lectures</b>	
<b>15.40 – 17.00</b>	
<b>Venue</b>	<b>Block 7, Room – 400</b>
	<p><b>L P Singh</b>, Department of Industrial &amp; Production Engineering, Dr B. R Ambedkar National Institute of Technology, Jalandhar, Punjab, India.</p> <p><i>Development of safety index for small scale manufacturing industry-A systematic approach</i></p>
	<p><b>Deepti Majumdar</b>, Defence Institute of Physiology and Allied Sciences, Lucknow Road, Delhi</p> <p><i>Application of ergonomics in Health Care Industry : Indian versus global scenario</i></p>
	<p><b>Shankarasish Mukherjee</b>, Human Performance Analytics and Facilitation Unit, Department of Physiology, University Colleges of Science and Technology, University of Calcutta, RashbehariShikshaPrangan, Kolkata</p> <p><i>Management of data in human factor research: quality issues</i></p>
	<p><b>Sougata Karmakar</b>, Department of Design, Indian Institute of Technology (IIT) Guwahati, Guwahati, India</p> <p><i>Ergonomic design intervention towards an improvement of the occupational health of workers engaged in stone polishing.</i></p>

	<p><b>Meenu Dhingra</b>, Sports Authority of India, Jawaharlal Nehru Stadium, New Delhi.</p> <p><i>Road map to olympics 2024 &amp; 2028 and intervening competitions- an insight to sports schemes for selection and development of potential athletes.</i></p>
	<p><b>Ajita D Singh</b>, Dept of Sports Science, Faculty of Medicine, Punjabi University Patiala.</p> <p><i>Anaerobic threshold as a measure of training status in athletes</i></p>
	<p><b>Amit Bandopadhyay</b>, Sports and Exercise Physiology Laboratory, Department of Physiology, University of Calcutta, University Colleges of Science and Technology, 92, A.P.C. Road, Kolkata</p> <p><i>Exercise Induced Skeletal and Cardiac Muscle Damage in Bengalee Boys and Girls</i></p>
<b>Invited Lectures</b>	
<b>15.40 – 17.00</b>	
<b>Venue</b>	<b>Block 6, Room – 501</b>
<b>Invited Lectures</b>	<p><b>Jyl S. Matson</b>, Department of Medical Microbiology and Immunology, University of Toledo Medical School, Toledo, Ohio, USA</p> <p><i>A periplasmic antimicrobial peptide-binding protein is required for stress survival in Vibrio cholera</i></p>
	<p><b>Deep Narayan Srivastava</b>, Department of Radiodiagnosis, All India Institute of Medical Sciences, New Delhi</p> <p><i>Role of interventional radiology treatments in future india</i></p>
	<p><b>Vishal Bansal</b>, In-charge Cardio-Pulmonary Rehabilitation Program, Department of Physiology, V. P. Chest Institute, University of Delhi, Delhi</p> <p><i>Exercise training: An aspect in treating ChronicRespiratory Diseases</i></p>
	<p><b>Biswadev Bishayi</b>, Professor, Department of Physiology, Immunology laboratory, University of Calcutta, University Colleges of Science and Technology, Kolkata</p> <p><i>Combined treatment of antibiotic and anti-oxidant promotes better killing of staphylococcus aureusby macrophages: - recent approach towards treatment of</i></p>

	<p><i>infectious diseases</i></p> <p><b>Sujata Maiti Choudhury</b>, Department of Human Physiology with Community Health, Vidyasagar University, Midnapore</p> <p><i>Diosgenin-encapsulated PLGA nanoparticles: A promising therapeutic strategy against breast carcinoma</i></p> <p><b>KP Mishra</b>, Defence Institute of Physiology and Allied Sciences, Defence Research and Development Organization, Ministry of Defence, Delhi</p> <p><i>Effect of Antarctic environment on the immune response of the members of 28th Indian Scientific Expedition</i></p> <p><b>Prasunpriya Nayak</b>, Department of Physiology, All India Institute of Medical Sciences, Jodhpur, MIA Phase II</p> <p><i>Interaction between low-to-moderate doses of ethanol exposure and tocotrienol supplementations in rat thalamic area.</i></p> <p><b>Dipayan Choudhuri</b>, Department of Human Physiology, Tripura University (A Central University)</p> <p><i>Oxidative Stress And Reproductive Toxicity In Rats Due To Chronic Exposure To A Mixture Of Arsenic, Cadmium And Lead: Protective Role Of Selenium And Zinc</i></p> <p><b>Kalpna Barhwal</b>, Department of Physiology, All India Institute of Medical Sciences, Bhubaneswar</p> <p><i>Cellular physiology of hypoxic neurons: prophylactic and therapeutic implications of salidroside</i></p>
<b>15.40 – 17.00</b>	<b>Invited Lectures</b>
<b>Venue</b>	<b>Block 6, Room – 509</b>
<b>Invited Lectures</b>	<p><b>Tapas K Bose</b>, Professor, Forensic Department, Nilratan Sircar Medical College, Kolkata</p> <p><i>Protection of Children from Sexual Offences Act, 2012</i></p> <p>Kalyani Mondala, Pratip Chakraborty, <b>Syed N. Kabira</b>, CSIR-Indian Institute of Chemical Biology; ATGC Diagnostics Private Limited, Kolkata</p> <p><i>Hyperhomocysteinemia and hyperandrogenemia share the</i></p>

	<p><i>pcsk9-ldlr pathway to disrupt lipid homeostasis in polycystic ovary syndrome.</i></p> <p><b>Jagat kumar Roy</b>, Cytogenetics Laboratory, Department of Zoology, Institute of Science, Banaras Hindu University, Varanasi, Uttar Pradesh, India</p> <p><i>Epidemiology of HPV induced cervical cancer and functional analysis of a novel variation in the cellular oncogene, BRN3A enhancer region</i></p>
	<p><b>Hemanta koley</b> Division of Bacteriology, National Institute of Cholera and Enteric Diseases, P33 CIT Road, Scheme-XM, Beliaghata, Kolkata 700010 India</p> <p><i>Multidimensional Approaches of Shigella Vaccine Development</i></p>
	<p><b>Biplab Giri</b>, Department of Physiology, University of Gour Banga, Malda</p> <p><i>Parthenolide and RGD-conjugated Parthenolide-Chitosan nano particles promote colon cancer cell death and inhibit migration and invasion of cancer cells by modulating epithelial-mesenchymal-transition (EMT)</i></p>
	<p><b>Binata Nayak</b>, Department of Home Science (Food &amp; Nutrition Division) University of Calcutta</p> <p><i>Food fortification- the technology developed to improve hidden hunger for future india</i></p>
	<p><b>Soumendra Darbar</b>, Bioequivalence Study Centre, Department of Pharmaceutical Technology, Jadavpur University, Raja S C Mallick Road, Kolkata</p> <p><i>Sanative Effect of Citrate Capped Mn3O4 Nanoparticles Upon Liver Fibrosis Through Redox Pathway</i></p>
	<p>Dibyendu Raj and <b>Sandipan Ganguly</b>, National Institute of Cholera and Enteric Diseases, Indian Council of Medical Research</p> <p><i>Studies on the oxidative stress regulation in the microaerophilic amitochondriate Giardia Lamblia</i></p>
<b>Oral Presentations</b>	
<b>17.00 – 18.00</b>	
<b>Venue</b>	<b>Block 7, Room – 400</b>
<b>Oral Presentations</b>	<b>D. V. Krishnarao, D. V. K. R. Yoga Research And Training Institute, Vijaywada</b>



	<p><i>Spondylosis: Yogic Remedial Physiology</i></p> <p><b>Koumi Dutta</b>, Devashish Sen, Subhashis Sahu Ergonomics and Occupational Physiology Laboratory, Department of Physiology, University of Kalyani</p> <p><i>Evaluation of screen time exposure and its effect on sleep and cognitive ability among rural secondary school children</i></p> <p><b>Atanu Saha</b>, K. Roy, S. Sahu, Sister Nibedita Govt. General Degree College for Girls</p> <p><i>Assessment of Respiratory Health among Traffic Police Personnel in Kolkata</i></p> <p><b>Amitava Pal</b>, P. C. Dhara, Dept. of Physiology, PanskuraBanamali College, Purba Midnapore, West Bengal, India.</p> <p><i>Undernutrition and associated factors among children aged 5-10 years in West Bengal, India: a community-based cross-sectional study</i></p>
	<p><b>Animesh Hazari</b>, School of Applied Medical Sciences, Lovely Professional University</p> <p><i>A systematic review on lever arm dysfunction and surgical approach in cerebral palsy gait</i></p> <p><b>Monalisha Banerjee</b>, P. C. Dhara, Ergonomics and Sports Physiology Division, Depart. of Human Physiology with Community Health; Vidyasagar University, Midnapore, west Bengal</p> <p><i>Impact of Job Related Psychological Stress on Motion Stereotype of Male Information Technology (IT) workers</i></p> <p><b>Roan Mukherjee</b>, P. C. Dhara, Department of Human Physiology, Hazaribag College of Dental Sciences and Hospital, Demotand, Hazaribag, Jharkhand</p> <p><i>Variations of Lean Body Mass in Respect to Physical Activity Level and Relationship of it with Anthropometric / Body composition, Physiological and Dietary Parameters, in Bengali Adolescents</i></p> <p><b>Thoudam Bedita Devi</b>, Department of Anatomy, Sikkim Manipal Institute of Medical Sciences</p> <p><i>Intergenerational Cephalo-facial Anatomy of Meitei Males of Manipur Valley</i></p>

	<p><b>Prasant Kumar</b> Rakesh Mohan, Vijay Kumar Department of Zoology, R. J. College, Chapra</p> <p><i>Analysis of the awareness about AIDS/HIV among the selected categories of the people of the locality Chotiisupur of Hajipur, Bihar.</i></p>
<b>Venue</b>	<b>Block 6, Room – 501</b>
<b>Oral Presentations</b>	<p><b>Uma Roy</b>, D. Ganguly, B. Nayak; Department of Home Science (Food &amp; Nutrition), University of Calcutta, Kolkata</p> <p><i>Modulation of Stress Syndrome and noetic function with a new nutraceutical product from beverage Camellia sinensis (Black Tea) in laboratory mammal</i></p>
	<p><b>P.V.V. Satish</b>, K. Sunita; Depart. of Zoology, VSM Degree &amp; PG College, Ramachandrapuram 533255, Andhra Pradesh, India</p> <p><i>Antimalarial activity of prosopis cineraria (l) druce against chloroquine sensitive plasmodium falciparum 3d7 strain</i></p>
	<p><b>Satarupa Banerjee</b>, J. Mondal, D. Mukherjee, S. Das, S. Chakraborty, K. Visakha, S. Mondal, A. Ganguli Depart. of Microbiology, Techno India University, West Bengal, India</p> <p><i>Prepration and application of pancreatin coated zinc nanoparticles against methicillin resistant staphylococcus aureus potentially causing skin infections</i></p>
	<p><b>Sonali Ghosh</b> Depart. of Physiology, Rammohan College, Kolkata</p> <p><i>Purification and characterization of tannase from different microbial sources and its potential use as a bioprocessor</i></p>
	<p><b>Sumanta Kumar Roymohapatra</b>, Anchalika Mahavidyalaya, Pragyan Vihar, Siminai, Dhenkanal, Odisha , India</p> <p><i>Catechol target to mRNA dynamics and disease cycle</i></p>
	<p><b>Vandana Soni</b>, Tanweer Haider , Depart. of Pharmaceutical Sciences, Dr. Harisingh Gour University, Sagar, M.P.</p> <p><i>The role of mitochondria as molecular determinants for the targeted delivery of anti cancer drug for cancer treatment</i></p>
	<p><b>M. Madhavi</b> and D. Krishna Reddy, Associate professor, Head Department of Zoology, Nizam College, Osmania</p>

	<p>University</p> <p><i>Studies on the Diversity of Butterflies in Hyderabad Telangana State</i></p> <p><b>Ananya Pradhan</b>, S. K. Dey, S. M. Choudhury; Depart. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal, India</p> <p><i>Indole-3-carbinol-mediated green synthesized gold nanoparticles induce mitochondrial dysfunction and apoptosis in breast carcinoma cells</i></p> <p><b>Koushik Chandra</b>, Department of Chemistry (UG &amp; PG), Midnapore College (Autonomous),</p> <p><i>An alternative shiftide approach of covalent inhibition of HIV-1 integrase by self-assembled peptides</i></p>
<b>Venue</b>	<b>Block 6, Room – 509</b>
<b>Oral Presentations</b>	<p><b>Lekshmi M K</b> , Depart. of Balachikitsa, Government Ayurveda College, Pariyaram, Kannur, Kerala</p> <p><i>Integrative Approach for the Management of Autism Spectrum Disorders – Ayurveda with Rehabilitative therapies- A case series</i></p> <p><b>M K. Sahani</b>, Research Institute of Sahni Drug Transmission &amp; Homoeopathy, Patna</p> <p><i>Distant mode of administration of homoeopathic medicine- a new prespective in medicine</i></p> <p><b>Samir Lodh</b>, BSRC, 12/8A, S.P.Road, Kolkata</p> <p><i>Study of new dimension for evaluating cases along with complex perspectives in order of easy going to sort out and micro filtration of ailing troubles in the days of deep-seated complex phenomena</i></p> <p><b>Parul Chhabra</b></p> <p><i>Platelet Rich Fibrin : From, Self To Self</i></p> <p><b>Rajmohan V</b> , Shajahan M A, M V Sudhakaran Depart. of R &amp; B, Government Ayurveda College, Pariyaram, Kannur, Kerala</p> <p><i>Amalaki Rasayana Ameliorates DNA Damage in Senescence Induced Human Dermal Fibroblasts (HDF)</i></p> <p><b>Samadrita Sengupta</b>, H. Koley, S. Dutta Division of Bacteriology, National Institute of Cholera and Enteric Diseases, Kolkata</p>

	<p><i>Studies on hypocholesterolemic effect of functional soy yogurt in Balb/c mice</i></p> <p><b>Sounak Sarkar</b>, D. R. Howladar, S. Maiti, A. Chakraborty, B.L. Sarkar, H. Koley, Division of Bacteriology, ICMR- National Institute of Cholera and Enteric Diseases, Kolkata</p> <p><i>Nature of Genotypic studies of Vibrio cholerae strains isolated from different parts of India from 2011 to 2015.</i></p> <p><b>Suman Kanungo</b>, Division of Epidemiology, ICMR – National Institute of Cholera and Enteric Diseases, Kolkata, West Bengal</p> <p><i>Operationalization of Oral Cholera Vaccines to Reduce Cholera Burden: Towards the Target to End Cholera by 2030</i></p> <p><b>Srishti Mahajan</b>, BAKSON Homoeopathic Medical College and Hospital, Greater Noida</p> <p><i>Complete cure of stubborn Joint Complaints through totality of symptoms via Homoeopathy</i></p>
<b>Concurrent Poster Session –II</b>	
<b>15.00 – 17.30</b>	
<b>Poster nos. PP61 to PP110</b>	

<b>January 07, 2019</b>	
<b>14:00 – 15:00</b>	
<b>Oral Presentations</b>	
Venue	<b>Block 7, Room – 400</b>
<b>Oral Presentations</b>	<p><b>Bhaskar Singamsetty</b>, Sasikala Pichika, Rapuru Nisith, Bandaru Dusyanth, Pasupuleti Sreenivasa Rao* Narayana Medical College and Hospitals</p> <p><i>A study of obesity among high school children of Nellore City, A.P</i></p> <p><b>Mehak Mahajan</b>, Y. Mahajan, S. Bhat Govt Medical College, Jammu</p> <p><i>Hyperglycemia in Diabetic patients who were administered Alpha blockers for BHP - A new report</i></p>

	<p><b>Meenakshi Batra</b>, V. Batra, Lecturer Occupational Therapy, P.D.U.I.P.H., Min S J &amp; E, Govt. of India, New Delhi</p> <p><i>Modulating Posturo-gait Dynamics using NFDR in Children with Lower Extremity Angular Deformities</i></p>
	<p><b>Preksha Sharma</b>, S. K. Maheshwari, Baba Farid University of Health Sciences, Faridkot, Punjab</p> <p><i>Psychological distress among Family Caregivers of Cancer Patients undergoing chemotherapy and radiation-therapy</i></p>
	<p><b>Vijay Batra</b>, M. Batra, Dept. of Neurology, G.B. Pant Hospital</p> <p><i>Identifying &amp; Managing the Functional Implications of Degenerative Changes at Knee on Proprioceptive acuity</i></p>
	<p><b>Mahesh Sharma</b>, K. Jackson, E. Travis, D. Strain, Lovely Professional University, Punjab, India</p> <p><i>Effect of counter movement jumps on ankle angle, hip angles and jump height on sand and hard surface</i></p>
	<p><b>Navreet Kaur</b>, S. Mani, I. Jeyasinghraj, Department of Physiotherapy, Lovely Professional University, Phagwara-144411, Punjab</p> <p><i>Is there any effect of laptop usage duration on limits of stability among young adults?</i></p>
	<p><b>Balaram Das</b>, Department of Physiology, Ramnagar College, Depal, Purba Medinipur.</p> <p><i>Surface functionalized silver nanoparticles augment macrophage activation followed by intracellular killing of pathogenic bacteria</i></p>
<b>Oral Presentations</b>	
<b>14.00 – 15.00</b>	
Venue	<b>Block 6, Room – 501</b>
<b>Oral Presentations</b>	<p><b>Prashant Shrikrishna Kulkarni</b>, G. Kaur</p> <p><i>To compare the effects of Motor Relearning Program and Bilateral Arm Training on hand function in sub acute patients with MCA Stroke</i></p>
	<p><b>M. Amin-ul Mannan</b>, Depart. of Molecular Biology &amp; Genetic Engineering, School of Bioengineering &amp; Biosciences, Lovely Professional University, Jalandhar</p>

	<p><i>HAC1</i> Key player of ER stress response pathway is expressed in <i>Candida parapsilosis</i>-an emerging fungal pathogen</p> <p><b>Indu Melkani</b>, E. Malama, C. Mwansa, B. Kumar , School of Pharmaceutical Sciences, Lovely Professional University, Punjab</p> <p><i>A potential role of probiotics in peripheral neuropathy</i></p> <p><b>Rakesh Narang</b>, S. K. Nayak, S. K. Singh, School of Pharmaceutical Sciences, Lovely Professional University, Punjab</p> <p><i>Mechanism of action and structure activity relationship study of ATP synthase inhibitors as potential antitubercular agent</i></p> <p><b>Shelly Sehgal</b> , Asst. Professor, Centre for Molecular biology, Central University of Jammu, Rahya Suchani, Jammu</p> <p><i>Genetic diversity among clinical isolates of <i>Helicobacter pylori</i> detected from India</i></p> <p><b>Shubham Kumar</b>, A. Mittal, School of Pharmaceutical Sciences, Lovely Professional University, Phagwara</p> <p><i>Recent Developments in Treatment of Type 2 Diabetes</i></p> <p><b>Parimal Dua</b>, Amit Karmakar, Debarati Jana, Debarati Jana, Monalisha Karmakar, Tuhin Manna, Kartik Guchhait and Chandradipa Ghosh, Department of Human Physiology with Community Health, Vidyasagar University</p> <p><i>Pathogenicity of <i>Vibrio cholerae</i> non-O1/non-O139 isolated from hospitalized diarrheal patients of Purba Medinipur, West Bengal, India</i></p>
	<p><b>Surendra Kumar Nayak</b>, G. L. Khatik, R. Narang, School of Pharmaceutical Sciences, Lovely Professional University, Punjab</p> <p><i>p53-Hot spot mimickers as potential novel anticancer agents</i></p>
<p><b>GENERAL DISCUSSION AND RECOMMENDATIONS</b></p>	