

XXXIst Annual Conference of the Physiological Society of India

PHYSICON 2019

On

“Recent Trends in Physiology and Healthcare Research for Salubrious Society”

Date: 15th to 17nd November, 2019

Organized by
Department of Physiology

Bankura Christian College
Bankura-722101, West Bengal, India

PROGRAMME SCHEDULE

Day 1: 15 th November, 2019 (Friday)	
Time	Programme
8:00 A.M.-9:00 A.M.	Breakfast
9:00 A.M.-10:00 A.M.	REGISTRATION
10:00 A.M.-11:00A.M.	Inauguration (Seminar Hall; Room No. 11)
11:00 A.M.-11:20A.M.	HIGH TEA
11:20 A.M.-11:50A.M.	Key Note address - Dr. W. Selvamurthy (President Amity Science and Technology and Innovation Foundation, Noida; Former distinguished and Chief controller R&D (LS), DRDO). Topic: Physiology in Service of Society.
DAY 1 (11:50A.M. – 1.00 P.M.) (Seminar Hall; Room No. 11)	Chair Persons: Dr. W. Selvamurthy & Dr. Manoj Kumar Chakrabarty Plenary Session I (35 minutes x 1 Lecture=35 minutes+5 minutes discussion=40 minutes) Prof. Birendra Nath Mallick: Rapid Eye Movement Sleep and Healthy Living
1:00 P.M.-1:45 P.M.	LUNCH (Food Court)
DAY 1 (1:45 P.M.-3.25 P.M.) (Poster Competition) (Room No. 12)	Dr. Prasunpriya Nayak, Dr. Suvro Chatterjee Poster Session (Ph.D. Scholar/ PG students / Faculty)

<p>DAY 1 (1:45 P.M. – 03:25 P.M.)</p> <p>(Parallel Session) (Seminar Hall; Room No. 11)</p>	<p>Chair Person: Prof. Debasish Bandopadhyay Plenary Session II (20 minutes x 4 Lecture=80 minutes+20 minutes Discussion=100 min minutes) Prof. Debkumar Chakrabarti: Design Ergonomics and Healthy Living Prof. Somnath Gangopadhyay: Ergonomic interventions for health benefit of informal sectors Prof. Krishna Roy : Women at the epicenter of Alzheimer’s Disease: A Brief Look. Prof. Nihar Ranjan Jana: Huntington’s disease: Genetics and Pathogenic mechanisms</p>
<p>DAY 1 (1:45 P.M. – 03:25 P.M.)</p> <p>(Parallel Session) (Seminar Hall; Room No. 29)</p>	<p>Chair Person: Dr. Manoj Kumar Chakrabarty Plenary Session III (20 minutes x 4 Lecture=80 minutes+20 minutes Discussion=100 min minutes) Dr. Atis Kumar Chattopadhyay : Antiulcer effect of newly developed multi herbal formulation against ethanol induced acute gastric ulcer Prof. Anil Kumar Pandey: Diagnosis to treatment: where do we fall short? Dr. Dilip K Nandi : BIOACTIVITY OF HERBAL NANOPARTICLES: A MODERN THERAPEUTIC APPROACH FOR RENAL DYSFUNCTIONS Prof. Debasish Maiti: IL-28B potentiates CTL activity in ENU induced leukemia</p>
<p>DAY 1 (1:45 P.M. – 03:25 P.M.)</p> <p>(Parallel Session) (Seminar Hall; Room No. 30)</p>	<p>Chair Person: Prof. Amar K Chandra Plenary Session IV (20 minutes x 4 Lecture=80 minutes+20 minutes Discussion=100 min minutes) Dr. Amal Kumar Mondal: Parkinson ’s disease: New Insights and therapeutic opportunities Prof. Biswadev Bishayi: Blockade of both tnfr1 and il-1r down regulate cxcr1 expression and cxcl8 production in macrophages during <i>s. aureus</i> infection Prof: Nilkanta Chakrabarti: Brain and Cognition for Public Health: Physiology to Physiome Approach Prof: Pratiti Ghosh : P-glycoprotein Mediated Bioavailability of Herbs</p>

<p>DAY 1</p> <p>(3:25 P.M.-4.50 P.M.)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 29)</p>	<p>Chair Person: Prof. Krishna Roy, Prof. Somnath Gangopadhyay Dr. & Dilip Kumar Nandi</p> <p>Oration Lecture (15 minutes x 3 Lecture= 45 minutes + 5 minutes Discussion=50 minutes)</p> <p><i>Prof. S.R. Maitra Memorial Oration</i></p> <p>Dr. Subhashis Sahu: Abstract for Prof. S.R. Maitra Memorial Oration, 2019 Circadian preference and its implication on synchronization to shift work: An Indian perspectives</p> <p><i>Prof. Satipati Chatterjee Memorial Oration</i></p> <p>Dr. Amit Bandyopadhyay: Multidimensional Relationship among Academic Achievement, Creativity and Physical Fitness in School Going Girls</p> <p><i>Prof. B. B. Sarkar Memorial Oration</i></p> <p>Dr. Rajkumar Maiti: Hypoglycemic and antioxidant properties of n-hexane fraction of hydro-methanolic seed extract of <i>Tamarindus indica</i> Linn in streptozotocin-induced diabetic rats</p> <p>YOUNG SCIENTIST'S RESEARCH AWARD (15 minutes x 2 Lecture= 30 minutes+05 minutes Discussion=35 min)</p> <p><i>Prof. B. B. Sarkar Memorial Research Prize</i></p> <p>Adipa Saha: Excess iodine-induced lymphocytic impairment in adult rats</p> <p>Prof. Sacchidananda Banerjee Memorial Research Prize</p> <p>Moumita Das: Hepatoprotective effects of green capsicum annum AGAINST ethanol induced oxidative stress, inflammation and apoptosis in rats</p>
<p>DAY 1</p> <p>(3:25 P.M.-4.50P.M.)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 11)</p>	<p>Chair Person: Prof. Biswadev Bishayi and Prof. Nihar Ranjan Jana</p> <p>Invited Lecture I (15 minutes x 5 Lecture=75 minutes+10 minutes Discussion=85 minutes)</p> <p>Dr. Roshnara Mishra : Camellia sinensis extract ameliorates Russell's viper venom induced Acute Kidney Injury in experimental murine model</p> <p>Dr. Sudipta Chakrabarti: Upregulation of tripeptidyl-peptidase 1 by 3-hydroxy-(2,2)-dimethyl butyrate, a brain endogenous ligand of PPARα: Implications for late-infantile Batten disease therapy.</p> <p>Dr. Sujata Law: Cellular signalling behind the mystery of Myelodysplasia: A preleukemic hematopathologic condition</p> <p>Dr. Sudipta Pal: Dietary supplementation of s-adenosyl methionine protects against arsenic-induced metabolic and oxidative stress in wistar rats</p> <p>Dr. Kanu Shil: Hexavalent chromium [Cr(VI)] and disruption of metabolic interface among the vital organs of rat</p>
<p>DAY 1</p> <p>(3:25 P.M.-4.50 P.M.)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 30)</p>	<p>Chair Person: Prof. Nilkanta Chakrabarti</p> <p>Invited Lecture II (15 minutes x 5 Lecture=75 minutes+10 minutes Discussion=85 minutes)</p> <p>Dr. Soumendra Darbar: Unprecedented redox scavenging signature alongwith antioxidant action of silver nanoparticle coupled with andrographis paniculata (ap-ag np) against carbon tetrachloride (CCl₄) induced toxicity in mice</p> <p>Dr. Jhumu Manna: A venture for the determination of CRP concentration from whole blood: formulation of a conjugate</p> <p>Dr. Snehunsu Adhikari : Improvement of endurance capacity of long and middle distance runners by 'Live high-train low' hypoxic training</p> <p>Dr. Prasun Halder: Chronobiology of asthma: still a seedling</p> <p>Dr. Santi Gopal Maity: The performance study: a research project of the hour</p>

4.50 P.M.-5:00P.M.	TEA BREAK
<p>DAY 1</p> <p>(5:00 P.M. – 6:00 P.M.)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 11)</p>	<p>Chair Person: Dr. Prasunpriya Nayak and Dr. Alak Kumar Syamal</p> <p>Oral Presentation I (10 minutes x 5 Lecture=50minutes+10minutes Discussion=60 minutes)</p> <p>Holima Khatun: Protective effect of <i>Vicia faba</i> and sesame seed dust in dyslipidemia induced rats</p> <p>Mousumi Mitra: Therapeutic potential of herbal gold nanoparticles on hepatorenal dysfunctions: a dose- response study</p> <p>Soma Das: A study on association of physical fitness and academic achievement in various socio-economic status</p> <p>PAYEL BISWAS: Smoking habit and erythrocyte health: elucidating the role of glut1.</p> <p>Sujata Bhowmick (Ganguly): Misconception in family planning and adoption of family planning in tribal community: a cross sectional study in puruliya district of Jangalmahal region</p>
<p>DAY 1</p> <p>(5:00 P.M. – 6:00 P.M.)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 29)</p>	<p>Chair Person: Dr. Gouriprosad Datta and Dr. Rajen Halder</p> <p>Oral Presentation II (10 minutes x 5 Lecture=50 minutes+10 minutes Discussion=60 minutes)</p> <p>Prabal Ghosh Anti-testicular activity of ethyl acetate fraction of hydro methanolic extract of <i>Terminalia chebula</i>: an ex-vivo study</p> <p>Jagannath Ghosh: Nutritional Status of Vegetable Cultivators of North 24 Parganas, West Bengal</p> <p>Titli Panchali: Anti-obesity and anti-inflammatory effect of Fish oil extracted from Phasa fish (Setipinnaphasa) on high fat diet induced obese mice</p> <p>Prasenjit Chaudhuri: Relation between thelarche, pubarche, and menarche attainment with different anthropometric parameters in Bengali school girls</p> <p>Chaitali Bose: Prevalence of obesity and associated risk factors among the school employees in West Bengal</p>
<p>DAY 1</p> <p>(5:00 P.M. – 6:00 P.M.)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 30)</p>	<p>Chair Person: Prof. Pratiti Ghosh and Dr. Alok Ghosh Chaudhuri</p> <p>Presentation III (10 minutes x 5 Lecture=50 minutes+10 minutes Discussion=60 minutes)</p> <p>Tridip Kumar Das: In vitro Probiotic Characterization of Lactic Acid Bacteria Isolated from Kanji, a Rice Based Fermented Food</p> <p>BAISHALI BASAK: A brief review on immune status in smokers with special emphasis on the expression of glucose transporters in leukocytes</p> <p>Priya Das: Molecular mechanism of vitamin D on anti- tubercular action</p> <p>Sarbashri Bank: Dermcidin induced impairment of insulin/glut4 signaling through the inhibition of cGMP/NO</p> <p>Koushik Bhattacharya: A study for the assessment of relationship between Digit ratio and Waist-height ratio along with other obesity related parameters among young female Dental students in Bhilai, Chhattisgarh</p>
6:00 P.M.-6:30P.M.	TEA BREAK
6:30 P.M.-19:45 P.M.	CULTURAL PROGRAMME
7:45 P.M.-21:00 P.M.	DINNER (Food Court)

Day II: 16 th November, 2019 (Saturday)	
Time	Programme
8:30 A.M.-9:00 A.M.	Breakfast
9:00 A.M.-9:30 A.M.	REGISTRATION
<p>DAY II (9:30A.M. – 11:10 A.M.) (Parallel Session)</p> <p>(Seminar Hall; Room No. 11)</p>	<p>Chair Person: Prof. Debkumar Chakrabarti</p> <p>Plenary Session V (20 minutes x 4 Lecture=80 minutes+20 minutes Discussion=100 min) Prof. Amar K Chandra: Endemic Goitre and Autoimmune Thyroid Diseases in Manipur, North East India Prof. Debasish Bandyopadhyay: Cardioprotection by melatonin: an emerging concept Prof: Devashish Sen: Identification of optimum sleep duration and influence of screen exposure time on BMI and cognitive ability among children (8-15 yrs) West Bengal, India Prof. Debidas Ghosh: Protective efficacy of <i>C. sinensis</i> on streptozotocin-induced diabetes linked male reproductive hypo-function in rat</p>
<p>DAY II (9:30A.M. – 11:10A.M) (Parallel Session) (Parallel Session)</p> <p>(Seminar Hall; Room No. 29)</p>	<p>Symposium Lecture Co-ordinator: Dr. Prasunpriya Nayak Symposium Lecture I (20 minutes x 4 Lecture=80 minutes+20minutes Discussion=100min) Dr. Prasun Priya Nayak: Teaching and researching in medicine: Physiologists role. Dr. Suvro Chatterjee: Advantages of being physiologists in teaching and research in application areas Dr. Kamlesh Jha: Contribution of Physiologists in clinical services: The pride and challenges Dr. Durgapada Dolai: Physiology learning and teaching: a practitioner's view Prof. Nilkanta Chakrabarti: Bioinformatics and Computation in Education of Human Physiology Dr. Subhashis Sahu: Implication of physiological studies in Industrial sectors</p>

<p>DAY II</p> <p>(9:30A.M. – 11:10A.M)</p> <p>(Parallel Session)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 30)</p>	<p>Chair Person: Pratiti Ghosh (20 minutes x 4 Lecture=80 minutes+20 minutes Discussion=100 min)</p> <p>Plenary Session VI (20 minutes x 4 Lecture=80 minutes+20 minutes Discussion=100min) Prof. Prabir Mukhapadhyay: High casein and pea-supplemented diet protects arsenic-mediated utero-ovarian alterations in adult rats Dr. Gouriprosad Datta: Hepatoprotective role of two commonly consumed vegetables against ethanol induced oxidative stress and apoptosis Dr. Suvro Chatterjee: Physical perturbations trigger red blood cell nitric oxide signaling: A template for an efficient blood banking protocol Prof. Keshab Chandra Mondal: Traditional fermented food with functional Properties</p>
11:10 A.M.-11:30 A.M.	TEA BREAK
<p>DAY II</p> <p>(11:30A.M.-1:30 P.M)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 11)</p>	<p>Chair Person: Prof. Debidas Ghosh Plenary Session VII (20 minutes x 1 Lecture=20 minutes+5 minutes Discussion=25 min) Dr. Pubali Dhar: Assessing the usage of enzymatically extracted soluble dietary fibre from de-oiled seed meals</p> <p>Invited Lecture III (15 minutes x 5 Lecture=75 minutes+15 minutes Discussion=90 min) Dr. Balaram Das: Surface functionalized silver nanoparticles augment macrophage activation followed by intracellular killing of pathogenic bacteria Dr. Debosree Ghosh: Drug development against dengue: a molecular dynamics study Dr. Amlan Ghosh: Assessment of hyperglycemic impact on oral carcinogenesis using laboratory rat as animal model; a molecular approach Prof. Gargi Bose: Exploring the protective role of melatonin against high fat diet induced myocardial injury Dr. Smritiratan Tripathy: Iodine nutritional status and haemoglobin level of lactating mothers of Murshidabad district in West Bengal</p>

<p>DAY II</p> <p>(11:30A.M. – 1:30 P.M)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 29)</p>	<p>Chair Person: Prof Prakash Chandra Dhara</p> <p>Invited Lecture IV (15 minutes x 7 Lecture=105 minutes+15 minutes Discussion=120 minutes)</p> <p>Dr. Aindrila Chattopadhyay: Oleic acid, one of the major components of aqueous extract of bark of terminalia arjuna, protects against adrenaline induced myocardial injury</p> <p>Dr. Sandip Chattopadhyay: Remedial effect of oral cum dietary pectic polysaccharide of <i>Momordica charantia</i> on apoptotic markers and fertility status of female rats exposed to sodium arsenite</p> <p>Dr. Rakhi Dey Sharma: A comparative study on the antioxidant and antidiarrhoeal activities of <i>Moringa oleifera</i> and <i>nymphaea alba</i></p> <p>Dr. Sandip Kumar Sinha: Recovery effects of zinc-oxide and fructooligosaccharides nano conjugate on nicotine-induced oxidative stress on cardiac tissue in adult albino rat</p> <p>Dr. Saswati Parua Mondal: Exploration of dieto-therapeutic potentialities of a traditional food of Purba Medinipur district</p> <p>Dr. Anup Kumar Karak: A mathematical model for the study of diabetes mellitus</p> <p>Dr. Ankush Pal: Pollen analysis of <i>Apis cerana indica</i> honey samples from Murshidabad district, W.B.</p>
<p>DAY II</p> <p>(11:30A.M. – 1:30 P.M)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 30)</p>	<p>Chair Person: Prof. Amar Kumar Chandra</p> <p>Invited Lecture V (15 minutes x 7 Lecture= 105 minutes+15 minutes Discussion=120 minutes)</p> <p>Dr. Alok Ghosh Chaudhuri: Involvement of Ca^{2+}-protein kinase c signaling system in the activation of particulate guanylate cyclase in rat enterocytes pre-treated with heat-stable enterotoxin of <i>Escherichia coli</i></p> <p>Dr. Surojit Das: Rapid and economical detection of carbapenem-resistant superbugs in clinical settings: strategy to strengthen antimicrobial and infection prevention stewardship program</p> <p>Dr. Tanushree Tulsian (Samanta): Study of toxicity of bt cry protein isolated from 1953 strain of <i>Bacillus thuringiensis</i> on the rat hepatic and renal tissues in a 90 day feed design</p> <p>Dr. Harekrishna Jana: Comparative study of the microbial dynamics in cooked prawn and pickled prawn.</p> <p>Dr. Alok Chattopadhyay: Impaired respiratory health and infection proneness in the textile workers of garden-reach area of kolkata</p> <p>Dr. Subhadeep Ganguly: Induced mutation and Selection of High Yielding Strain of <i>Corynebacterium glutamicum</i> for L-glutamic acid production</p> <p>Dr. Barnali Ray Basu: Evaluation of aetiology of polycystic ovary syndrome (PCOS): A genetic approach</p>
<p>1:30 P.M.-2:15 P.M.</p>	<p>LUNCH (Food Court)</p>
<p>DAY II</p> <p>(2.15 P.M-4.15 PM)</p> <p>(Poster Competition)</p> <p>(Room No. 12)</p>	<p>Poster Session (Under Graduate Students)</p> <p>Dr. Alok Shyamal, Dr. Sandip Chattopadhyay and Dr. Smritiratan Tripathi</p>

<p style="text-align: center;">DAY II</p> <p style="text-align: center;">(2:15 P.M. – 4:15P.M)</p> <p style="text-align: center;">(Parallel Session)</p> <p style="text-align: center;">(Seminar Hall; Room No. 11)</p>	<p>Chair Person: Prof. Surya Joyti Biswas</p> <p>Invited Lecture VI (15 minutes x 5 Lecture=60minutes+15 minutes Discussion=90 minutes) Prof. Madhumita Debnath: Menstrual History and Status of Menstrual Hygiene in Bengali Women: A Community Based Comparative Report from Rural and Urban West Bengal. Dr. Smarajit Maiti: Redox regulation of estrogen function in carcinogenesis Dr. Madhubanti Bapari: Antimicrobial activity of silver nanoparticles biosynthesized by <i>Anacardium occidentale</i> leaf Prof. P K Modak: A retrospective study: etiological profile of cirrhosis in a tertiary care institute in the Garhwal region of Uttarakhand</p> <p>Oral Presentation IV (10 minutes x 3 Lecture= 30 minutes + 10 minutes Discussion=40 min) Arnab Chatterjee: Validation of algorithms for the high non heme iron bioavailable balanced diet preparation Smita Sahu: Food system in the anthropocene: a systematic analysis of the interconnection between public and planetary health Pallavi Majumder: A comparative study on management of different parameters of type ii diabetes with food portion control and brisk walking: a natural approach to manage diabetes</p>
<p style="text-align: center;">DAY II</p> <p style="text-align: center;">(2:15 P.M. – 4:15P.M)</p> <p style="text-align: center;">(Parallel Session)</p> <p style="text-align: center;">(Seminar Hall; Room No. 29)</p>	<p>Chair Person: Dr. Sujata Law</p> <p>Invited Lecture VII (15 minutes x 8 Lecture=120 minutes+15 minutes Discussion=135 minutes) Dr. Kaushik Sarkar: Bisphenol A (BPA) Augments Adrenergic and Nitrenergic Signaling Pathways in Inhibiting the Contraction of Intestinal Visceral Smooth Muscle Dr. Achintya Mohan Goswami: Non-synonymous polymorphisms in human α-ADDUCIN: impact on protein-structure function, stability and mRNA secondary structures. Dr. Rajendra Prasad De: Study on the Ethno-medicinal Plants of Mohanpur Block of Paschim Medinipur District, of West Bengal Dr. Supriya Kumar Misra: A Study on the Penile length and Girth of Bengali Men in West Bengal, India Dr. Surajit Majumder: Structure-function analysis of the novel drug resistance modifying agent cun in overcoming multiple drug resistance (mdr) in cancer Dr. Sadhan Kumar Roy: Structural characterization of a polysaccharide isolated from pleurotus sajor-caju Dr. Rajen Halder: Imprinting the possible consequences of cigarette smoking on erythrocyte Dr. Prithviraj Karak: Anthropometric characteristics and nutritional status of school children in Bankura, West Bengal</p>

<p>DAY II (2:15 P.M. – 4:15P.M)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 30)</p>	<p>Chair Person: Prof. Sujata Maiti (Choudhury) and Dr. Sandip Kumar Sinha</p> <p>Invited Lecture VIII (15 minutes x 5 Lecture= 75 minutes+20 minutes Discussion= 95 minutes)</p> <p>Dr. Dwaipayan Sinha: Cancer: current scenario and possible remedy through polyphenols</p> <p>Dr. Amit Karmakar: Prevalence of NorA and NorB mediated multidrug-resistant efflux pump system in clinical isolates of <i>Staphylococcus aureus</i></p> <p>Dr. Arijit Chakraborty: Excessive dietary iodine impairs spermatogenesis by inducing cellular oxidative stress and perturbing blood -testicular barrier</p> <p>Dr. Abhijit Sinha : Effects of Electronic Hazards on Human Health</p> <p>Dr. Suwendu Ghosh: Synthetic antihypertensive drugs in present scenario</p> <p>Oral Presentation V (10 minutes x 2 Lecture= 20 minutes+ 5minutes Discussion=25 min)</p> <p>Prof. Nirmalya Sinha: The impact of ethnicity on the lipid profile of tribal mothers during lactation: A cross sectional study from the rural areas of Paschim Medinipur District, West Bengal</p> <p>Dr. Ritam Chatterjee: Association of oxidative stress with EMT and pathophysiological alterations of buccal mucosa in pre-malignant and malignant conditions</p>
<p>4:15P.M A.M.- 4:30P.M</p>	<p>TEA BREAK</p>
<p>DAY II (4:30P.M. – 6:00P.M)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 11)</p>	<p>Chair Person: Dr. Keshab Mandal and Dr. Subhashis Sahu</p> <p>Oral Presentation VI (10 minutes x 7 Lecture=70 minutes+20 minutes Discussion=90 min)</p> <p>Adrija Tripathy: Lycopene prevents cyproterone acetate induced oxidative stress related mitochondria mediated and death receptor mediated testicular apoptosis rat: a way to manage male infertility</p> <p>Dipanwita Mitra: Corrective effect of rhizomes of curcuma <i>Amada roxb.</i> (Zingiberaceae) in streptozotocin induced diabetic male albino rat</p> <p>Monalisha Paul: Evaluation of the effect of zinc oxide & fructo oligosacarids nano conjugate on bifidobacterium and lactobacillus colonization in the intestine of nicotine induced albino rat.</p> <p>Arunita Paul: Relationship among Design Elements and Physical Risk of Wrist Disorder</p> <p>Farhin Ara: The protective effects of banana flower (<i>Musa balbisiana</i>) in streptozotocin induced diabetic rat</p> <p>Sukhamoy Dhabal: Monoamine oxidase a (MAO-A) promotes cancer aggressiveness and EMT by activating PI3k/AKTsignaling pathway</p> <p>Ayantika Paul : ALBUMIN AND HEMOGLOBINWITHOXAZOLIDINONE GROUP OF ANTIBIOTICS</p>

<p>DAY II</p> <p>(4:30P.M. – 6:00P.M)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 29)</p>	<p>Chair Person: Prof. Debidas Ghosh and Prof. Debasish Bandopadhyay</p> <p>Oral Presentation VII (10 minutes x 7 Lecture=80 minutes+20 minutes Discussion=90 min)</p> <p>Ananya Pradhan : Anticancer potential of green synthesized gold nanoparticles using indole-3-carbinol against MCF-7 and Ehrlich ascites carcinoma cells</p> <p>Satarupa Bhattacharjee: Protective effects of <i>Origanum vulgare</i> and MnO_2 nano-composite against Jaundice: A new therapeutic approaches</p> <p>Monalisha Banerjee: Impact of spatial arrangement of controls on motion stereotype of adults</p> <p>Moumita Barik: abstract effect of nutrition education on weight gain and haemoglobin level among pregnant women (primigravida) in Singur block, Hooghly district, West Bengal</p> <p>SUTITHI DEY: Dyslipidemia associated with PCOS amends erythrocyte morphology</p> <p>Krishnendu Adhikary: Intracerebroventricular injection of oligomerised β-amyloid ($a\beta$1-42) peptide induces neuroinflammation, neurodegeneration and changes in peripheral immune responses in rats</p> <p>Dr. Mahasin Mondal :Socio-economic and nutritional status of pre-school tribal children in jangal mahal area of Bankura district, West Bengal, India</p>
<p>DAY II</p> <p>(4:30P.M. – 6:00P.M)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 30)</p>	<p>Chair Person: Dr. Suvro Chatterjee & Dr Amit Bandopadhyay</p> <p>Oral Presentation VIII (10 minutes x 7 Lecture=70 minutes+20 minutes Discussion=90 min)</p> <p>Hasina Perveen: Therapeutic potential of curcumin-based nanoformulation against sodium arsenite induced female repro-toxicity</p> <p>Anusree Sankar Sahu: High prevalence of low level of haemoglobin among adult toto population</p> <p>Amrita Chakraborty: Systematizing sesame lignans rich novel lipid nanoemulsion against sepsis: Shifting to a new paradigm</p> <p>Papan Kumar Hor: Preparation of a rice fermented food with ameliorative properties against obesity by using <i>Ruellia macrantha</i> as starter</p> <p>Anurag Paramanik : Cypermethrin induced male reproductive toxicity: Ameliorative role of Zinc and Lipoic acid</p> <p>Bijoy Kumar Dey: The study of the beneficial effects of coriander on human health: a critical review</p>
18:00 P.M.-18:30P.M.	TEA BREAK
18:30 P.M.-19:45 P.M.	CULTURAL PROGRAMME
19:45 P.M.-21:00 P.M.	DINNER (Food Court)

Day III: 17 th November, 2019 (Sunday)	
Time	Programme
8:30 A.M.-9:00 A.M.	Breakfast
9:00 A.M.-9:30 A.M.	REGISTRATION
<p>DAY III (9:30A.M. – 12:00 P.M) (Parallel Session) (Seminar Hall; Room No. 11)</p>	<p>Chair Person: Prof. Debkumar Chakrabarti</p> <p>Plenary Session VII (20 minutes x 6 Lecture=120 minutes+30 minutes Discussion=150 minutes) Prof. Dhrubajyoti Chattopadhyay: Recent Developments in Health Care Research Prof. Prakash Chandra Dhara: "Assessment of suitable Work posture for female mat weavers". Dr. Chandradeepa Ghosh : An antibiofilm approach towards multi-drug-resistant community-associated mrsa with <i>Barleria lupulina lindl</i> extract Prof. Sujata Maiti (Choudhury): PLGA encapsulated diosgenin nanoformulations: a promising therapeutic strategy in breast cancer chemoprevention Prof. Sanjit Dey: What are the far worse health issues of Gutkha chewing? Time to 'Bid farewell to Gutkha' Dr. Prasunpriya Nayak: Introspecting Physiology Curriculum: Medical Science vis-a-vis Basic Science</p>
<p>DAY III (9:30A.M. – 12:00A.M) (Parallel Session) (Parallel Session) (Seminar Hall; Room No. 30)</p>	<p>Chair Person: Dr. Dilip Kumar Nandi</p> <p>Invited Lecture IX (15 minutes x 9 Lectures =135 minutes+15 minutes Discussion=150 minutes) Dr. Saptadip Samanta: An overview on circadian rhythm and health impact of circadian dysfunction Dr. Koushik Das: Analysis of fatty acids from oil of green tea (camellia sinensis l) by gas chromatography coupled with flame ionization detector and its anticancer and antibacterial activity in vitro Dr. Chhanda Mallick: Nanoparticle tagged herbal molecule for the correction of diabetes induced testicular and renal disorders Dr. Goutam Dutta: Medial septum: the immunomodulator Dr. Labonya Mandal: Protective role of Aswagandha and Tulsi against aggression in audiogenic and isolation induced stress in Wistar rats Dr. Swagata Pal: <i>Alocasia indica</i>: Protective effect in ethanol intoxicated ovarian dysfunction with possible involvement of NF-KB Dr. Arijit Debnath: Environmental factors other than iodine deficiency in the pathogenesis of endemic goiter in selected areas in the basin of river Ganga and Bay of Bengal, India Dr. Arunabha Bandopadhyay: Assessment of metal fatigue among underground coalmines of West Bengal Dr. Sukanta Mondal: Use Of CRISPR/CAS9 mediated gene editing for enhancing early embryonic survival Dr. Mousomi Roy: Correlation between body mass index and blood glucose levels</p>

<p>DAY III (9:30A.M. – 12.00 P.M) (Parallel Session)</p> <p>(Parallel Session)</p> <p>(Seminar Hall; Room No. 29)</p>	<p>Symposium Lecture : <i>Sports, Exercise and Yoga: Analytical Approach from Physiological Viewpoint</i> Co-ordinator: Dr Amit Bandopadhyay</p> <p>Symposium Lecture II (15 minutes x 3 Lecture=45 minutes+15minutes Discussion=60 minutes)</p> <p>Dr. Snehasis Bhunia: An overview on benefits of taking regular Physical Exercise and Yoga: Practical aspects of advantages and disadvantages Dr. Amit Bandopadhyay: Validity of cardiorespiratory fitness prediction models in indian scenario Dr. Indranil Manna: Applied Physiology Of Soccer</p> <p>Chair Person: Dr. Chandradeepa Ghosh and Dr. Gouriprosad Datta Oral Presentation IX (10 minutes x 7 Lecture=70 minutes+20 minutes Discussion=90 minutes) Dr. Dibyendu Dutta: epidemiological relation between public health hazards and nutritional status of primary school children in Bankura District , West Bengal, India Himangshu Das: Millennium Development Goals to Sustainable Development Goals Shilpa Satpati: A review on monosodium glutamate health effect and its toxicity Dr. Suchismita Roy: Phytochemical analysis of different varieties of fruits and vegetables Malay Maji: Digestive role of exocrine pancreatic enzymes: in relation with response to normal diet Rumpa Dhua: Flaxseed and its health benefits Malay Kumar Patsa: prevalence of anaemia among primary school children in rural area of Bankura district, West Bengal</p>
12:00 P.M.-12:10 A.M.	TEA BREAK
<p>DAY III (12:10A.M. – 1:10 P.M) (Parallel Session) (Seminar Hall; Room No. 11)</p>	<p>Chair Person: Prof. Dhrubajyoti Chattopadhyay</p> <p>Oral Lecture Session (Competition for selected candidates only 6 x10 minutes)</p>
<p>1:10 P.M.-1:40 P.M. (Seminar Hall; Room No. 11)</p>	<p>Valedictory Session Distribution of Conference Awards DR. A G DATTA MEMORIAL BEST ORAL PRESENTATION MEDAL</p> <p>VIII ORGANISING COMMITTEE (1996) PSI, VIDYASAGAR UNIVERSITY, MIDNAPORE MEDAL BEST POSTER FROM UG STUDENTS, PG STUDENTS, AND RESEARCH SCHOLARS</p>
1:50 P.M.-2:50 P.M.	LUNCH (Food Court)

