

Schedule of Oral and Poster Presentation on 23rd and 24th December, 2019



SPECIFICATIONS FOR ORAL PRESENTATION:

Power Point presentation (.pptx or .ppt, not lower than Windows 2007 version)

The duration of your deliberation will be 7 minutes followed by discussion for 3 minutes, which may be strictly adhered to. However, the Session Chair may alter the duration of presentation at any point of time as per requirement.

SPECIFICATIONS FOR POSTER PRESENTATION:

1. Paper size : ISO A0 (841mm X 1189 mm / 33 inches X 46.81 inches)
2. Orientation : Portrait

Names of Contact Persons with Mobile Numbers of Respective Subject Disciplines

Department	Name	Phone No.
Physics	Dr. R. Bhar	9432308559
Agriculture-Fisheries and Animal Science	Dr. Utpal Roy Choudhury	9830329408
Chemistry	Dr. Tapas Ghosh	9123064267
Mathematics	Dr. P.N. Dutta	9830379592
Medical Science	Dr. C. M. Hussain	7001686560
Environmental Science	Dr. Ananta Das	9433828272
Earth Science	Dr. Sharadindra Chakrabarti	9434226892
Botany	Dr. Toofan Naiya	9830045343
Engineering	Dr. Sibmay Dasgupta	7278766331
Social Science and IPR and Others	Dr. Indranil Mukherjee	7980582227
Physiology	Dr. Debdut Naskar	9836183382
Zoology	Dr. Jaya Bandyopadhyay	9836665794

SCHEDULE OF PRESENTATIONS

23rd December 2019

Session-I (Poster Presentation) Timing- 2:00 pm- 3:00 pm

Discipline– BOTANY

SI No.	Abstract ID	Corresponding Authors Name	Title
1	11961346	Ayindrila Adhikary	Studies on wetland flora of West Bengal State University campus ,Berunanpukuria ,Barasat,Kolkata-700126 , 24-Parganas (N) District, West Bengal, India : Implications for sustainable use .
2	12846662	Titav Sengupta	Green Synthesis and Characterization of Silver Nano-conjugates Using Oldenlandia corymbosa and Ocimum sanctum Leaves Aqueous Extracts
3	17764582	Maitrayee Biswas	Phytochemical Screening, Antioxidant and Antimicrobial Activity of leaves of Phyllanthus amarus L. (Phyllanthaceae)
4	20387607	Tapas Das	Reports Of Auxospore Formation In Diatoms Under Culture Conditions And Factors Eliciting The Process
5	21211882	Srijonee Choudhury	Comparative Account Of Impact Of Dietary Diatoms On Fish Species Of Sundarbans With Different Feeding Habits
6	25638678	Piu Das	Ethno-Botanical Survey Of Medicinal Plants Utilized By The Tribal Communities Of West Medinipur District For The Treatment Of Snakebite And Diabetes
7	30012899	Ajit Yadav	Eco-friendly Unit Dose of Vasaka leaves suitable for fresh Decoction preparation
8	30719168	Partha Pramanick	An investigation on morphological, biochemical and tissue culture studies of different forms of Datura metel (L.)
9	35339470	Shreya Sengupta	Comparison of biochemical properties of some common allergic foods
10	41696481	Entaj Tarafder	Taxonomic and phylogenetic study on some Agaricus spp. from West Bengal, India
11	55828601	Nabaneeta Mitra	Phytochemical analysis in aqueous extract of allergic food samples
12	57987313	Ahana Sarkar	Organoleptic, Proximate Characteristics and Phytochemical Screening of Trianthema portulacastrum and Scoparia dulcis
13	66457899	Tushar Kanti Nath	Effect and Application of Neem Leaf and Seed for Controlling the Disease, Brown Spot of Rice
14	71042641	Srabani Roy Chowdhury	Phytochemical Screening with the Analysis of Antimicrobial Activity of Five Different Species of Hibiscus Leaves Aqueous Extract: A Comparative Study
15	71151492	Utpalendu Paul	Understanding the regulatory role of Cinnamaldehyde on inflammatory pathways
16	73076302	Satarupa Dey	Antimicrobial and antibiofilm potential of Bacillus atrophaeus PP2, an endophytic bacteria isolated from Peperomia pellucida
17	74853773	Debapriya Basuli	Comparative study of epiphytic algal association of Bruguiera gymnorhiza (L.) Lamk. in high and low intertidal zones of Indian Sundarbans

18	78526809	Monoj Mondal	Extraction and Estimation of Total Protein Content from Some Traditionally Used Edible Plant Leaves: A Comparative Study
19	78826763	Pinaki Chattopadhyay	Macrofungi of North-24-Parganas District, West Bengal: A preliminary study
20	85357933	Moumita Saha	Green Synthesis and Characterization of Silver Nanoparticles Using Some Medicinal Plants Aqueous Extracts: A Comparative Study
21	86830679	Dr. Abdul Kader	Anthocyanin production from threatened mangrove species <i>Xylocarpus granatum</i> koeing
22	86869844	Sherry Rajan	A brief study on biochemical properties of a few commonly used medicinal plants

Discipline–CHEMISTRY

SI No.	Abstract ID	Corresponding Authors Name	Title
1	16295696	Manas Barai	Investigations on the Gel Formed by Double-Headed Anionic Surfactants in Combination with Hexadecyltrimethylammonium Bromide
2	21258692	Samiran Mondal	Structure specific molecular switch governs the functions of AID in living cells
3	21581848	Malay Chakraborty	In situ preparation of BiOI/BiOCl junction for enhanced photocatalytic degradation of toxic pollutant dye, Rhodamine-B
4	27472517	Adrija Bhunia	Synthesis and characterization of carbon dot coated fluorescent porous chitosan nanoparticle
5	29335779	Dibyoyoti Chatterjee	Preparation & Characterization of Porous Chitosan Microspheres loaded with Ketoconazole
6	30059918	Anirban Bera	An eco-friendly solvent and catalyst-free tandem reaction: synthesis and photophysical application of N-fused heterocycles
7	36844219	Mrinal Kanti Adak	Photocatalytic Degradation of Organic Dyes Using Modified BaTiO ₃ Nanoceramics Prepared Through Chemical Route
8	39253207	Romit Bhattacharjee	Synthesis and characterization of copper ion crosslinked chitosan beads as a source of stable copper nanoparticle
9	45820703	Sandip Paul	Enhancement study of 4-Azido coumarin in serum albumins by spectroscopic technique
10	47400444	Dr Subhojit Ghosh	Solvent Free Synthesis of Azomethines Derived from 2-Aminopyridine and Evaluation of Their Bioactivity
11	60868806	Kartick Koley	Surface modification of Zinc oxide Mesoporous particle with Carbon Dot
12	60938029	Dipika Roy	8-Hydroxyquinoline anchoring 3-D networking Silica Gel utilized its HOMO as metal trapping centre for selective Sample Clean up of Cu(II), Cr(III), Co(II); and chemical speciation of sorbed Species
13	62309999	Prasenjit Mondal	Deciphering the mode of interaction between bioactive compound Sinapic acid with calf thymus DNA in light of spectroscopic and theoretical tools

14	68796829	Sasikumar Palani	Graphene Oxide Incorporated Mixed Metal Oxides as Water Purifier: Removal of Arsenic and Fluoride
15	70748853	Sanchari Saha	Enhanced activity of Papain enzyme by immobilization on an inert support silica gel (SiO ₂) and its systematic characterization based on hydrolysis of BAEE
16	71886284	Rumpa Sarkar	A practical route to Acridines from nitro benzaldehyde and cyclohexenone derivatives via aldol reaction and reductive cyclisation
17	72779977	Dr Indranil Saha	Directed Synthesis, comprehensive characterization and exploration of dearsenification potential of β -Cyclodextrin fortified hydrous Iron-Zirconium hybrid oxide
18	72832822	Tuyan Biswas	Luminescence modulation of a synthesised furophenanthraquinone derivative in different solvents as a result of specific solvent interactions
19	73365293	Surya Kanta Samanta	Iodine mediated oxidative cross coupling of 2-aminopyridine and aromatic terminal alkyne: A practical route to imidazo[1,2-a]pyridine derivatives
20	74906778	Pradip Kumar Tapaswi	Synthesis And Characterization Of Fully Aliphatic Polyimides From A Novel Aliphatic Dianhydride With Cross-Linkable Acetyl Functionality For Enhanced Thermal-Mechanical Stability
21	75821624	Priti Sengupta	Comparative studies for the interaction of a flavonoid and its Fe(II) complex with model transport protein
22	76159591	SAYANTAN SIL	Comparative Study Of Three Medicinal Plant Extract Against Aggregation Of Model Protein Lysozyme
23	82143396	Sourav Mal	Alternative Approach for the Synthesis of Substituted Benzopyran Moieties
24	86458426	Adity Bose	Exploring the binding interaction of Rutin and its Fe(II) complex with DNA: A multi-spectroscopic approach
25	90809878	Ananya Barman	Optimization and Characterization of MCC extracted from Mercerized bamboo
26	91938122	Biswajit Jana	Chitosan based Microgels
27	92281250	Tanmay Chattopadhyay	Paladium immobilized Ferric oxide: an efficient magnetically separable heterogeneous nanocatalyst for C-C coupling reactions
28	96042860	Dr. Indrani Sarkar	In silico Prediction of Inhibitors of Lipase from <i>M. restricta</i> , a Dandruff Causing Fungus

Discipline– EARTH SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	11111827	Sujay Pal	Response of the mesosphere and lower ionosphere to the Extremely Severe Cyclone Fani of May, 2019: New results from the low latitude station in Kolkata

2	22051594	Samima Khatun	Identification & Estimation Of Fallow Land Areas-Case Study Over A Part Of Purulia District, West Bengal
3	24191804	Pathik Kisku	Forest Monitoring Using Landsat Time Series Data of Paschim Medinipur District by Using Google Earth Engine.
4	51254813	Tamal Basak	Very Low Frequency (VLF) study of ionospheric D-layer characteristics in presence of terrestrial and extra-terrestrial perturbations
5	66714853	Dr. Manua Banerjee	Effect On Environment And Health Of Residents Near Site Of Massive Stone Quarrying, Mdbazar Block , Birbhum District, West Bengal
6	77993159	Debrupa Chatterjee	Crop Acreage and Yield Estimation using Geoinformatics Technique: A case study part of Purba Bardhaman District, WB

Discipline– ENVIRONMENTAL SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	10264374	Aditya Banerjee	Exogenous Spermidine Ameliorates Prolonged Fluoride Toxicity in Rice by Restricting Xenobiotic Uptake and Refining the Molecular Defense Physiology
2	11089093	Dipanjan Sengupta	Analysis of bacterial surface active exopolysaccharide and its antimicrobial efficacy
3	19459527	Debaraj Bhattacharyya	Isolation and Molecular characterization of multi drug resistant (MDR) extended-spectrum beta-lactamase (ESBL) producing Klebsiella oxytoca in fresh water pond ecosystem in West Bengal
4	24271065	SAIKAT GHOSH	Role of Metallothionein in combating abiotic stress imparted by copper induced toxicity in Brinjal (Solanum melongena L)
5	33436166	RINKU DAS	A Study Of The Recycling Of Basin Waste Water For Secondary Purpose
6	33546135	Ankita Chakraborty	Isolation and characterization of protease producing bacteria from soil microbes
7	39167216	DR NAYAN ROY	Green Management of Rice Weevil, Sitophilus oryzae L. by New Botanicals
8	44072529	Dr. Suman Mukherjee	Cellular and Biochemical response of Bellamyia bengalensis and Bordeaux mixture
9	50454473	Koyel Biswas	Potential Application of Green Synthesized Silver Nano Particles in Medical Textiles
10	58116640	DIPTISUR SAHOO	JANAKALYAN MODEL, to save underground water by using pond water
11	68282089	Chandan Sarkar	Evaluation of Acute Toxicity Levels and Ethological Responses Under Exposure of a Herbicide Fenoxaprop-P-Ethyl on Asian Stinging Catfish Heteropneustes Fossilis (Bloch, 1794)

12	80554508	Amrita Jasu	Studies On The Relationship Of Biofilm Production To Chromium Tolerance In A New Strain Of Serratia marcescens With Potent Bactericidal Efficacy
13	86342172	Dr. Pijush Basak	Modeling Carbon dioxide emission of different attributes with system of equations in India
14	94141090	Aatrayee Das	Magnetically steered guar gum ester nanoparticles for removal of industrial dye water pollutants
15	97325984	Eeshan Basu	Derivation of the Spatial Distribution of Suspended Particulate Matters and its relationship with real-time Cloud Cover, using Remote Sensing: A case study on South Bengal
16	97809196	PABITRA KAYAL	Wastes Transformed into Wealth
17	99036731	SUDESHNA ROY	Role of Phytochelatin in combating abiotic stress imparted by copper induced toxicity in Tomato (<i>Lycopersicon esculentum</i>)

Discipline– ENGINEERING

SI No.	Abstract ID	Corresponding Authors Name	Title
1	15256233	Arnab Das	A Novel Beacon-Less Unicast Routing Protocol For Manet
2	16178196	Dipanwita Thakur	An Adaptive Dynamic Human Activity Recognition System Using Smartphones
3	18717650	Shayeri Das	DC Conductivity of Cu+2 conducting Glassy Ceramics
4	20638391	Mainak Ghosh	Comparative Study of Ergonomic Attributes of Passenger Seats of AC Buses under WBTC
5	34725404	Jadav Chandra Das	Information Security in Nano-Communication Network
6	37004066	Ayan Das	New Approach of controlling Dengue infection using CRISPR-Cas9 technology.
7	38363731	Prasenjit Kundu	An Attempt to Analyze Business Rules Through Smart Mining Plug-Ins
8	48059301	Shuvra Jyoti Bose	Blood Glucose Level Measurement from Breath Analysis
9	50967827	Prayati Dutta	Study of Influence of Acid on Transformer Insulation through Frequency Domain Spectroscopy
10	52779426	Tamoghna Bhattacharya	Grading of Transmission Lines for Protection against Lightning Discharges
11	55545763	Soumyadeep Paul	Quick Accident Response

12	57667318	Meenakshi Banerjee	Graphene Based Square Koch Fractal Shaped Dipole Antenna
13	59101391	Abhishek Kumar Verma	Design of Drowsiness Avoidance Smart Auto Driving System
14	59463641	Subham Shaw	Effect of two transition metal oxides on structural properties and electrical conductivity mechanisms of semiconducting quaternary nanocomposite systems
15	60155894	Biswajit Biswas	An Intelligent Predictive Model for Sales in Digital Marketing: A Novel Tool of Decision Making
16	63361492	Sohit Gobindam Shaw	Real Time Safety and Self Protection Device for Woman/Abducted Child
17	66732746	Shakya Acharya	A Pragmatic Approach In Healthcare Industry For Detecting And Counting Miss Pulse
18	70775584	Krishnendu Sengupta	Cathode Ray Propulsion Rocket And Jet Engine
19	78905606	Partha Pratim Sarkar	Alternative approach to design all optical frequency encoded digital full adder using optical switches
20	79801534	Pushpita Biswas	Business Intelligence: An Effective Decision Making Model on Digital Marketing
21	79945973	Suparba Tapna	Multiport Memory Design In Quantum Dot Cellular Automata(Qca) Platform
22	80659000	Dhiraj Jaiswal	Citizen Feedback System
23	80780309	Arijit Chakraborty	Application of Support Vector Machine in Water Management for Sustainable Urban Planning
24	81055126	Rima Nayek	A Safety System for Blind People Using Arduino
25	83248828	Ayush Khamrui	Designing a safety vault using data over sound communication technology
26	83491769	Rupankar Paul	Study of structural property and electrical conductivity of S-Se-Techalcogenide semiconducting glass nanocomposites
27	88441801	Paranjay Haldar	An Approach for Implementing Block-chain Technology in E-commerce
28	94170776	Arunava Dey	Smart Water Metering System

Discipline– MATHEMATICS

SI No.	Abstract ID	Corresponding Authors Name	Title
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1	45919033	Rupak Bhattacharjee	Outcome Based Education In Mathematics: A Mathematical Approach
2	70579591	Amar Nath Chatterjee	Smoking Habit: A Bio Mathematical Study
3	99382243	Abhik Sur	Memory responses in the vibration of microscale beam due to laser pulse

Discipline–PHYSICS

SI No.	Abstract ID	Corresponding Authors Name	Title
1	10242341	Bhaskar Biswas	Study of Structural Analysis and Magnetocaloric Effects in Pr _{0.75} Na _{0.25} MnO ₃ manganites
2	29384671	Dr. Ujjwal Kumar Bhaskar	One step mechanosynthesis of nanostructured Ti _{0.9} B _{0.1} N and its microstructure characterization.
3	34556794	Rejjak Laskar	Enhancement in Kerr-Nonlinear Coefficient and Large Four Wave Mixing Susceptibility in Three Level Cascade Type System
4	50268339	Dr. Md Shahbaz Alam	Enhancement of electron field emission property of nano structure wrinkle on soft substrate by diamond like carbon thin film
5	62765762	Dilip Kumar Modak	Derivation of Einstein's Photoelectric Equation: Movion Theory Approach
6	92716415	Mohibul Khan	Synthesis and Characterization of Cadmium Sulphide (CdS) Thin Films by Cyclic Voltammetry (CV) Technique
7	93594586	Sakti Pada Shit	Sensing Properties Of Graphene Nano Sheet And Hexagonal Boron Nitride Nano Sheet By First- Principle Study

Discipline–PHYSIOLOGY

SI No.	Abstract ID	Corresponding Authors Name	Title
1	12374043	Deotima Sarkar	Bamboo Shoots (Bambusa balcooa Roxb) impair thyroid hormone synthesis in thyrocytes
2	17458661	Jigisha Patel	An Ergonomic Assessment of Work Related Musculoskeletal Disorder Risks in Steel Net Weaving Factory
3	18143029	Sreenath Dey	A BRIEF STUDY ON MALNUTRITION AMONG THE CHILDREN OF WEST BENGAL

4	18203261	Samrat Paul	Preparation of Composite Scaffold for Osteoblast Cell Attachment and Proliferation
5	23210549	Sayani Basu	A physiological and histological study on Malachite Green, a harmful food colourant.
6	28379155	Sanchari Chakraborty	Correlation of Genetic Polymorphism with Polycystic Ovary Syndrome (PCOS) in Women Population of West Bengal, India
7	30752631	Suparna Kundu	Inositol as A Novel Preventer of PCOS (Polycystic Ovarian Syndrome)
8	31891661	Ayon Roy	A Search of Antidiabetic Activity of Jussiaea Repens (L) on Streptozotocin Induced Male Rats Through Haemo-Profile Studies
9	32515526	Nirajan Ghosal	ELF3 is an important role player in regulating cancer progression in inherent resistant breast cancer cells as well as in patients.
10	45000716	Poulami Tapadar	Ros-mediated upregulation of TNFR1 is responsible for stimulation of apoptosis in theophylline treated MDA-MB-231 breast cancer cells
11	51748824	Sreejita Dutta	Assessment of Hearing Ability of Sawmill Workers using Audiometry
12	53694514	Rafi Ahammed Reja	A Comparative Study To Evaluate Hepato And Utero Protective Role Of Aloe Vera And Vitamin E In Ethanol Fed Ovariectomized Rats
13	54006432	Avijit Maity	Infertility.....A Threat To Asthmatic Women
14	63358831	Ankita Koley	Classical music as a therapeutic tool
15	63509374	Shreya Sinha	A Study on Physical and Psycho social Conditions in Knee Osteoarthritis
16	64767252	Kiranmay Chauliya	Green Revolution On Type 2 Diabetes Mellitus Through Sulforaphane In Broccoli Sprouts
17	66044865	Anirban Nandy	An Assessment of Energy Expenditure for Brick Production by means of Heart Rate and Risk of Work Related Musculoskeletal Disorder.
18	79539969	Sasangbaha Mandi	Work related health problems in tribal women engaged in Sal leaf plate making: sustainable livelihood issues
19	80275187	Dr. Subhasish Ghosal	Keshardam is an Indian medicinal herb – a novel antispermatogenic agent
20	81466420	Somanjana Khatua	Pro-inflammatory Function of β -glucan Enriched Crude Polysaccharides from Wild Edible Mushrooms: A Hope for Powerful Immune Booster
21	83289617	Atreyee Majumder	Understanding the molecular genetic basis of endometrial cancer
22	86054213	Kanu Gopal Biswas	Evaluation Of Causative Factors For Wmsd In Carpenters Of West Bengal
23	86219494	Sourav Kumar	Beta sheet breaker α/β hybrid peptide, an amyloid Plaque buster: strategies to inhibit neurodegeneration,

			neuroinflammation and cognitive impairments in rat model of Alzheimer's disease
24	92617665	Neepa Banerjee	Addressing the Challenge of Growing Trend of Obesogenic Environment: A Novel Approach for Preventing Lifestyle Diseases
25	98184544	Abhinaba Gupta	A Significant approaches of blood flow (Haemodynamics)& body fluids intercorrelated with fluid dynamics (Hydraulics) and its impact applications in biomedical engineering.

Discipline-ZOOLOGY

SI No.	Abstract ID	Corresponding Authors Name	Title
1	15061044	Nandita Ghosh	Antiarthritic Potential of Hadjod in Mouse Model of Rheumatoid Arthritis
2	35337051	Shinjini Mitra	Embryonic Stem Cells Differentiate into Type-II Alveolar Epithelial Cells under Hyperoxic Conditions
3	35360525	Tanima Santra	Studies on the life history of Grass Demon butterfly <i>Udaspes folus Cramer 1775</i> Lepidoptera Hesperidae
4	40239710	Gyan Deb Barman	Description of a ciliate ecto-parasite infecting ornamental fish <i>Poecilia reticulata</i>
5	44850695	Dr.Arunava Ghosh	A study of acute toxicity test of agricultural pesticides on silver catfish (<i>Rhamdia quelen</i>) fingerlings
6	47298210	Pritam Sen	Diversity and ethological study of butterfly species found in Habra, North 24 Parganas, West Bengal.
7	47340435	Megha Lahiri Ghosal	Anti-cancer epigenetic regulation of the NSAID: Etodolac, and its corresponding effects on Mpsin gene regulation in Ovarian Cancer Cells
8	57389057	Rajib Majumder	Acute toxicity of Chlorpyrifos (organophosphate) to the freshwater fish (<i>O. niloticus</i>) using some biochemical parameters
9	59026970	Gourav Saha	Snake species diversity in Habra, Maslandapur & Bongaon area of North 24 Parganas, West Bengal.
10	73604229	Manish Kanti Biswas	Bark Eaters Of Shade Trees In Tea Plantations
11	75351599	Monali Chakraborty	Comparative economics of Poultry farming in Burdwan and Hooghly Districts of West Bengal
12	80313493	Satyajit Pahari	Comparative study on Butterfly diversity in a locality area of Jhargram and Pakhralay of West Bengal
13	85478165	Beauty Kundu	Prevalence Of Aseptate Gregarines (Protozoa : Apicomplexa : Eugregarinida) Infecting Oligochaete Host Of West Bengal

SCHEDULE OF PRESENTATIONS
23rd December 2019
Session-I (ORAL Presentation) Timing- 3:00 pm- 5:30 pm

Discipline–AGRICULTURE-FISHERIES AND ANIMAL SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	73359486	Indranil Samanta	Characterization of farm environmental 'resistome' as a source of antibiotic resistant bacteria in pigs
2	20602726	Dr. Aruna Pal	Indigenous Ducks- an important Poultry species with better genetic resistance to common diseases-an attempt to explore the host genetics and characterization through next generation sequencing approach
3	22785514	Dr. Paramita Bhowmik	Performance of Improved IPM Technology Component for Enhancing the Productivity of Kharif Black Gram (<i>Vigna mungo</i> L.) under Cluster Front Line Demonstration at Malda, West Bengal
4	20994853	Sanjoy Shil	Consequence of drought stress on proline accumulation and chlorophyll stability index in seven genotypes of groundnut (<i>Arachis hypogaea</i> L.) for screening contrasting drought tolerance
5	72964471	Buddheswar Kar	Nano fortification of organic manures for enhanced plant nutrient availability
6	15029731	Sanchita Naskar	Inclusion of Humic acid as an organic fertilizer: a step towards sustainable and climate friendly aquaculture
7	24816120	Saikat Biswas	Yield enhancement and water savings in SRI: a study
8	67737427	Goutam Mahata	Prospect of Bud Chip Technology on Quality Seed Cane Production and Replacement of Old Varieties of Sugarcane(<i>Saccharum</i> sp.hybrid complex) in West Bengal.
9	77751256	Dr Dipak Kumar Hazra	Role of Biostimulant Formulations in Conservation Agriculture: An Overview
10	75924423	Gouranga Biswas	Utilization of Natural Fish Food Item, Periphyton for Replacement of Commercial Feed in Milkfish (<i>Chanos chanos</i>) Culture
11	88782454	Manjusha Chowdhury	Healthy broilers as carrier of Enterobacteriaceae possessing ESBL and biofilm associated genes
12	38412395	Prem Kumar	Successful larval rearing of hilsa, <i>Tenualosa ilisha</i> : a way forward to its conservation and development of aquaculture
13	48588203	Swagata Mandal	Dissipation Kinetics of Fluopyram and Tebuconazole in/on Mango (<i>Mangifera indica</i>) by LC-(ESI+ve)-MS/MS
14	47096220	Nitesh Kumar	Estimation of Genetic Parameters in <i>Brassica juncea</i> and <i>Brassica rapa</i>

15	67213046	Dr Sutapa Sanyal	Autochthonous Lactic Acid Bacteria (LAB) of Fish: Antimicrobial Action and Potential Application for Fish Preservation
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Discipline–BOTANY

SI No.	Abstract ID	Corresponding Authors Name	Title
1	13130412	Abantika Mondal	Effect of Traditional Irrigation Method by Pitcher Pot with Mulching on Tomato Production in an Alfisol of West Bengal in India
2	14046495	Anindita Sinha	Fermentation, Extraction And Partial Purification Of Biocolorants From Monascus sp.
3	27659849	Jhila Majumder	Novel microbes mediated green synthesis of Silver Nanoparticles & their enhanced antimicrobial, antioxidant and cytotoxic effect
4	31861150	Subhadeep Das	Investigating the mechanism of regulation of cellular repertoire of SKS1 mRNA in Saccharomyces cerevisiae.
5	37368948	Anwesha Chatterjee	Effect of Biochemical Responses on Selected Northeastern Varieties of Oryza sativa against Salinity Stress
6	59751619	Ankita Mahato	Invasive plant mating system: understanding plant invasion and control
7	65775096	Dr. Ananya Roy Chowdhury	Isolation, characterization and exploitation of Plant Growth Promoting Rhizobacteria (PGPR) to augment sulphur di oxide stress tolerance in Momordica charantia L. var. muricata
8	77127417	Aslisha Champati	EST GENOMICS: ARE WE MISSING SOMETHING IN MEDICINAL PLANT RESEARCH
9	92482036	Anik Sarkar	Chilli-Alternaria alternata interaction and Nitric Oxide
10	99882738	Anuja Bothra	COMBINED EFFECT OF PGPR (Bacillus subtilis and Pseudomonas aeruginosa) AND UNDEFINED COMPOST IN SOIL TRANSFORMATION AND PLANT GROWTH PROMOTION OF Capsicum frutescens.

Discipline–CHEMISTRY

SI No.	Abstract ID	Corresponding Authors Name	Title
1	13807964	Anjoy Majhi	Design and Synthesis of a Novel Triazole Containing Compounds and Interaction with Serum Albumins
2	20527758	Sujit Chatterjee	Control synthesis of porous Ni(II) oxide nanoparticles for efficient supercapacitor application
3	23872872	Dr. Nirbhik Chatterjee	Design And Synthesis Of Aza Crown Based Valuable Supramolecular Motifs

4	24168870	Arnab Banerjee	Influence of a Biopolymer Sodium Alginate on the Aggregation Behaviour of two Surface Active Ionic Liquids 1-Decyl-3-methylimidazolium Chloride and 1-Hexadecyl-3-methylimidazolium Chloride
5	28650962	Arghajit Biswas	Protein Nanoparticle as an emerging drug delivery system: Experimental study upon Hemoglobin as a natural carrier protein.
6	28670867	Dr Arijit Bag	Organometallic clusters: A new class of multi-stage, mutation resistant HIV drug at the pico molar level
7	30148667	Sayantana Ganguly	Synthesis, structure and phenoxazinone synthase-like activity of three unprecedented alternating CoII–CoIII 1D chains
8	33282296	Dr. Anirban Basu	Influence of a crown ether, 18-crown-6, on lysozyme amyloidosis
9	34917723	Ayan Ghosh	Synthesis, Characterisation and As(III) adsorption behaviour of β -Cyclodextrin incorporated hydrous Iron(III) – Zirconium(IV) mixed metal oxide
10	43419891	Ahad Shaikh	A new optical probe for detection and enrichment of La(III): Studies on cancer cell imaging and catalytic properties of the [La(III)-probe] complex
11	50548730	Snehasish Powali	Kinetics of Enzymatic Delignification and Bioethanol Production from Lignocellulosic Agricultural Residues
12	50862626	Nilasish Pal	Heptamer water cluster mimic playing active role in molecular self-assembly
13	54804690	Dr. Sanjoy Ghosh	Heavy Metals Activity Mechanisms at cellular level and possible action on human bodies
14	56596834	Sk Asraf Ali	Cu(I) catalyzed functional group directed reductive decarboalkoxymethylation of alkyl 2-(1-(pyridin-2-yl)-1H-pyrrol-2-yl)acetates
15	62374880	Antu Mondal	Synthesis, X-ray Crystal structure, Magnetic properties, Anticancer activity and histidine sensing properties of a binuclear Cu(II) complex of a pyridoxal Schiff base.

Discipline–EARTH SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	12090177	Dr. Mitrajit Chatterjee	Riverine Morphology In The Southern Part of Nadia District, West Bengal
2	15952518	Subhasis Ghosh	Identification of an Emergency Ambulance Route in Bolpur-Santiniketan for festival seasons - A GIS based approach
3	17805723	Sohaniya Mandal	Study of tsunami wave propagation
4	22281994	Subhanil Nandi	Study of the Semi Conservative behavior of Ca and Mg along with Characterization of the Vidyadhari Estuary, Eastern part of Sundarbans Estuarine Complex, India.
5	22630068	Dr Asraful Alam	Assessment of the Spatial Distribution and Quantification of Food Security Using Geospatial Techniques in Koch Bihar,

			West Bengal
6	22918300	Anirban Kundu	Impact of Climate Change on Change in Subsistence Paddy Cultivation system in Coastal Plain of East Medinipur - A Geospatial Investigation
7	23067448	Paushali Polley	Significance of Finer Bank Sediment Analysis of Rongtong Khola: A Case Study at Darjeeling Himalayan Foothills
8	24452850	Mohammed Azib	Smart Lightning Prediction
9	38078867	Alamgir Shaikh	Assessment Of Cropping System Of Suti-1 Block Of Murshidabad District Using Multi-Dated Sentinel-2 Images.
10	39517099	Rajat Kumar Paul	Impact of Embankment on Local Community in the Sundarban: A Case Study of Sagar Island in South 24 Parganas District of West Bengal
11	52728294	Nilanjana Chakraborty	Assessment of Evolution of Reui Village as Krishnanagar Town and Its Impact on Vegetation Cover, Surface Water (Anjana River) & Ground Water Using Remote Sensing & GIS – A Case Study
12	54422534	Arpita Das	On the correlation between total lightning and rainfall during the Nor'wester events of 2018 and 2019 over Kolkata
13	68452173	Rima Das	Rapid Urbanization and its Effect on Occupational Shifting and Livelihood Pattern of the Populace of Urban Fringe of Kolkata- A Geographical Appraisal
14	71794442	Sanjay Goswami	Six Level Grayscale Imaging and K-Means Clustering to Identify Cloud Types in Satellite Remote Sensing Images
15	74885498	Bulu Basak	Spatial distribution of attractions in an artificial park and its role in visitors' movement: a case study of Eco Park, Kolkata
16	81485426	S. Brahma	Geo-genic Ground Water Contamination in parts of Murshidabad & adjoining Birbhum Districts, West Bengal
17	89375461	Pamir Roy	Derivation of the Spatial Distribution of Suspended Particulate Matters and its relationship with real-time Cloud Cover, using Remote Sensing: A case study on South Bengal
18	92787085	Argha Ghosh	Assessing the cropping system dynamics in Gosaba CD block of Indian Sundarban using Sentinel 1 and 2 time series data
19	93171332	Subhendu Bachhar	Geospatial Analysis of Elementary Education in Jalpaiguri District, West Bengal.
20	93658578	Susnata Ray	Design, Development and Field Performance Evaluation of a Novel Nano-Adsorbent for Defluoridation of Community Tube Wells: A Lab-to-Field Nanotechnology Transfer for Safe Drinking Water Supply to Rural Hamlets of West Bengal

Discipline–ENVIRONMENTAL SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
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1	14242192	Dr Rajib Majumder	Potential bioaccumulation characteristics of toxic nickel on growing cells of mutated Bacillus sp.: Response surface modeling and mechanistic insight
2	56315344	AKSHAY SARKAR	Influence of different doses of Phosphate in the growth of Azolla sp.
3	59441693	Debaroti Das	Impact of Urbanisation in Upper Bagjola Basin Adjacent to Kolkata Megacity, West Bengal - An Appraisal of Drainage Congestion and Landscape Changes
4	65949034	DIPANKAR GHOSH	Solid Waste to Value added Biomolecule Generation: A way forward?
5	68542234	Debarun Paul	A Review to E-Waste: Environmental Hazards and current management
6	74072637	Sonia Kundu	New generation biopolymer films for decontamination of surface water
7	78005503	Sweta Singh	Role of Phytochelatin and Metallothionein in combating abiotic stress imparted by copper induced toxicity in Momordica charantia
8	94680606	Nilanjan Ray	Review on different approaches to increase the rate of biodiversity in Drought facilitated areas using Genetic Methodologies
9	97711821	DR. MODHULEENA MANDAL	Purification of fungal FPase and its application as a bacteriostatic agent
10	99753072	Debayan Ghosh	Antioxidant and antibacterial activity of biogenic Zirconium Oxide Nanoparticles from Candida orthopsilosis DSB1 isolated from backwaters of Sunderbans, West Bengal

Discipline-ENGINEERING

SI No.	Abstract ID	Corresponding Authors Name	Title
1	10601008	Rose Dhar	A New Heuristic for Minimizing Makespan in Permutation Flowshop Scheduling
2	11268145	Snehashis Sadhukhan	Photonic-Crystal Based Ultra-sensitive Interferometric Sensor up to 10nm Spatial Resolution
3	12983975	Arpan Deyasi	Computing Optical Properties of Pöschl-Teller Potential in DQWTB Structure for Photodetector and Sensor Applications
4	14653494	Pritisha Sarkar	Developing an Intelligent Technique for Prediction and Analysis of Host-Pathogen Protein-Protein Interactions concerned in Neglected Tropical Diseases
5	16455517	SAMARJIT ROY	Music, Mantra and Human Beings: A State-of-the-Art Computational Music Paradigm for Statistical Style Analytics
6	17412703	Jayeeta Majumder	Pixel Value Differencing based Image Steganography using AES and SHA-2 Cryptography Method
7	17440095	Pampa Debnath	Broad wall Coaxial Probe Transition of Ridge Gap Waveguide

8	39303658	Sourav Samanta	Chaos based nonlinear study to assess the complex interplay of different brain networks engaged in cognitive workload
9	44852771	Sayantana Chakraborty	Advanced nonlinear study on Electricity Pricing and Stock Index – an attempt for characterising Energy Market dynamics in India
10	49279103	Debapriya Ghosh,	ArduinoBased Safety System for Passengers & Goods in Railway Network
11	51873526	PRITI	Fog-Edge-Dew Computing based IoT enabled Smart Green Room
12	72888857	Payel Sadhukhan	Can reverse nearest neighbors perceive unknown?
13	74560342	Gourab Das	Water-saving Device Monitored by Smart Phone Application
14	88984728	Amit Bhattacharyya	Biosensors for Pathogen Recognition
15	93623607	Kamalika Bhattacharjya	Energy Efficient Routing Protocol Selection in Edge based Internet of Underwater Things for Monitoring Natural Resources
16	96862787	Swapna Santra	PSO Based Robust Power System Stabilizer Design Using H_{∞} Loop Shaping & H_{∞} Mixed Sensitivity Approach with Norm Minimization Technique

Discipline–MATHEMATICS

SI No.	Abstract ID	Corresponding Authors Name	Title
1	11752947	Biswajit Sharma	Data-Driven Assessing of Renewable Energy Cooperation Potential in Countries using PROMETHEE Strategy
2	25563077	Rama Mallick	MULTIMOORA Strategy for solving MAGDM in Trapezoidal Neutrosophic Number Environment
3	29277527	Avishek Chakraborty	Framework of Pentagonal Neutrosophic Number and Applications in Operation Research Problem
4	42440873	Sayani Adak	A study on stegomyia indices in controlling of dengue: a fuzzy approach
5	58333133	Kalyan Mondal	Neutrosophic number root mean square aggregation operators for multiple attribute decision making
6	62585173	Niladri Ghosh	Exact traveling wave solutions and bifurcation analysis of time fractional Kadomtsev- Petviashvili modified equal width equation
7	76204044	Abdul Alamin	Solution and stability analysis of non-homogeneous difference equation followed by real life application In Fuzzy environment
8	82578019	Mostafijur Rahaman	Arbitrary order economic order quantity model in fuzzy environment: fuzzy fractional differential equation approach

9	90783674	Shreyashree Mondal	Classification of Disjunctive Trapezoidal Neutrosophic Numbers, De-Neutrosophication Skills and Application in Operation Research Problem
10	93123633	Suman Maity	A quality judgement of an EOQ model for cosmetic products using Phi-coefficient test
11	94470673	Indrani Maiti	Linear Fractional Programming Problem with Trapezoidal Fuzzy Numbers: A Fuzzy Goal Programming Strategy
12	95970341	Surapati Pramanik	Multi-level Decentralized Linear Programming Problem in Neutrosophic Number Environment
13	96903771	Shibsankar Das	A Tight Lower Bound for the Weights of Maximum Weight Matching in Bipartite Graphs

Discipline– MEDICAL SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	10739438	Aniket Bhattacharya	Fabrication and Characterization of Natural Polysaccharide Based Bioerodible Localized Spongy Scaffold : A Potential Role in Augmenting Wound Healing
2	12858849	Sagari Sil	Diabetic Immunogenetics and it's effects on Aging
3	13117126	Pramathadhip Paul	Heavy chain antibodies of camelid format as an alternative strategy to prevention, detection and control of allergic diseases
4	15281719	Dr. Supratim Mandal	Induction of ROS and Mitochondrial Dysfunction by a Chromone Linked Nitro Derivative Promotes Caspase Dependent Apoptosis in Human Cancer Cells.
5	18981001	Dr. Shubhasis Dan	Establishing the Efficacy of Generic Rifabutin 150 mg Formulation by Comparative Pharmacokinetic Study
6	25307181	Smartya Pulai	Clinical Predictor Score to identify non-diabetic kidney disease in Diabetic patients
7	28342828	Hirak Jyoti Raj	Multifaceted applications of in-house developed Anaerobic media and Anaerobiasis system: A cost effective approach.
8	29638460	Swati Singha	IVF – A Modern Review For Preventing Infertility
9	30441299	Arindam Dey	Comparative study and Assessment of Respiratory disorder among Traffic Police Personnel in different traffic guard in Kolkata.
10	31179526	Sujoy Ghosh	Urinary Metabolomics: To Distinguish Diabetic Kidney Disease From Non-Diabetic Kidney Disease
11	36005332	Dr. Suranjana Ray Halder	Correlation between serum PON1 activity and rs 854573 PON1 A<="<=">
12	40676560	Saumya Das	Enhancement of drug solubility using co-crystal approach to obtain improved bioavailability
13	40954295	Sumitra Banerjee	Premarital Blood Screening: A newspaper analysis and survey among the young people in West Bengal
14	41038568	Joyeeta Datta	In silico investigation for variation in functionally important binding pockets and identification of inhibitors against HIV-1 Vpr from different subtypes

15	41564706	Anindita Biswas	Design and development of gentamicin based 2D carbon novel nano composite against multi drug resistant bacteria causing topical infection
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Discipline–PHYSICS

SI No.	Abstract ID	Corresponding Authors Name	Title
1	23207608	Bhaskar Das	Enhancement of c-Si Solar Cell Efficiency using Silicon Nanocrystals as Photonic Converter
2	41114344	Sukdev Dolai	CuO thin film as a potential p-type absorber layer prepared by reactive DC magnetron sputtering technique
3	57371936	Debabrata Das	Green synthesis of silver nanoparticles decorated on cellulose fibers for antimicrobial applications
4	62591080	Shrabani Ghosh	Novel Bio Synthesis of Silver Nanoparticles Using Low Dilution Homeopathic Medicines
5	76262465	Subha Samanta	Energization of Charged Particles in Presence of Inhomogeneous Magnetic Fields
6	79706140	Gobinda Chandra Das	On Quasinormal Modes Of Black Holes And Gravitational Waves
7	81581085	Rajkumar Dey	Boron doping of diamond-like carbon films by PLD technique for PV application
8	86582844	B K Choudhuri	A New Quantum Mechanical Approach to Explain Healing Mechanism of Dilute Homeopathic Medicine

Discipline–PHYSIOLOGY

SI No.	Abstract ID	Corresponding Authors Name	Title
1	12538295	Ambika Pal	Triple negative breast cancer cells undergo apoptosis by upregulating TNFR1 on treatment with cinnamic acid
2	26713213	Sarbajit Chakrabarti	Identification Of Key Genes In Gastrointestinal Disease By Bioinformatics Approach Using Inflammatory Bowel Disease As A Model
3	44411273	Dr. Atanu Saha	Evaluation of Effect of Chronic Exposure to Air Pollution in Respiratory and Metabolic disorder among Traffic Police Personnel in Kolkata
4	51948848	Nirmal Kumar Pradhan	Keshordam, Seuli and Nayantara - A Search for Novel Cardio-Protective Herbs
5	59738360	Lopamudra Mondal	A Comparative Study of Histoarchitecture of Different Vulnerable Organs In Streptozotocin Induced Diabetic Male Rats Supplemented by Crude Aqueous Extract of Jussiaea Repens

6	61953603	Swatodipta Das	ACE type II inhibitor treatment ameliorates the impaired testicular functions caused by cryptorchidism in male rats.
7	82237498	Sushmit Mukherjee	Comparison of potential among two green synthesised Zinc oxide nanoparticles in relation to their antibacterial and anticancer efficiency

Discipline– SOCIAL SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	10325639	Biswajit Mandal	Loneliness Status of Aged People: A Study at Hingnara Gram Panchayat, Chakdhada CD Block, Nadia District, West Bengal
2	15240342	Dr. Minara Yeasmin	Attitude and Beliefs towards Mathematics and its Consequences on the Achievements in Mathematics
3	15373052	Arpan Bag	Suitability of Neural Network over Econometric Models for Capital Market Forecasting: Evidence from India
4	16217513	Paramita Roy & Agamani Sheel	Home Made Calcium Tablets
5	27897097	Sujoy Mitra	Forensic identification of Tyre track impressions: A Databank of photographic Tyre impressions
6	39902482	Sanghacheta Ghosh	Green Andragogy In Ancient India : Exemplifying Arthashastras Elephant-Aphorisms
7	39926708	Bijoy Kumar Dey	THE STUDY OF THE BENEFICIAL EFFECTS OF GINGER ON HUMAN HEALTH: A CRITICAL REVIEW
8	41146428	Sarani Maity	Dual Role of conflict of the Working Women
9	42066091	Dr Rajib Kar Choudhury	Yumi Technology
10	52485039	Dr. Abhijit Pandit	Product, Price, Place and Promotion Strategies of International Marketing to affect Performance mediated by Standardization and Adaptation
11	54605840	Subhankar Mondal	A Study on Diversification of Livelihood Pattern among the Farmers of West Bengal
12	69888062	Inder Kaur	DISCOVERING PRICE TRENDS IN INDIAN CAPITAL MARKET: USE OF MONTE CARLO SIMULATION
13	72896287	Raj Bhattacharjee	Impact of online reviews on consumers' purchase-behavior on e-commerce platforms
14	74330242	Bipul Chandra Mondal	Information of the Patients' Satisfaction with OPD Services of a Medical College Hospital in West Bengal
15	75015118	Jaydip De	E-readiness of the Citizen: A Study of Kolkata Metropolitan Area

Discipline–ZOOLOGY

SI No.	Abstract ID	Corresponding Authors Name	Title
1	14980578	Dr. Antara Kar	Assessment Of The Toxic Effects Of Arsenic Trioxide In Liver Of Chick Embryos Exposed To Sub-Lethal Doses Of The Toxicant
2	24036148	Piu Banerjee	Phytochemical analysis of Red Spider Mite (<i>Oligonychus coffeae</i> , Nietner) infested tea leaves of Darjeeling, West Bengal
3	43131046	Priyankar Sanphui	Cell cycle regulatory protein Cdc25A is activated and regulated by FoxO in experimental models of Alzheimers disease.
4	46923323	Sudeshna Sengupta	Identification Of Responsive Oncogenic miRNA For Oropharyngeal Cancer In Drosophila Cancer Model
5	47942800	Ria Mukhopadhyay	Curcumin–gemcitabine coencapsulated polymeric nanoparticles inhibit breast adenocarcinoma by reversing drug resistance
6	73972804	Payal Pal	Phytochemicals- A New Promising Therapeutic Approach to Combat Nephrotoxicity
7	75402061	Sukanya Chanda	First record of myxozoan parasites infecting edible ornamental fish <i>Barilius barna</i> of Arunachal Pradesh, India with an emphasis on SEM study
8	96819218	Arkajyoti Mukerjee	Comparison of wintering waterbird community structure in two river dams, with varied physical habitat attributes, of Bankura district, West Bengal, India

SCHEDULE OF PRESENTATION
24th December 2019
Session-II &III (Poster Presentation) Timing- 10:30 am - 1:15 pm

Discipline – AGRICULTURE-FISHERIES AND ANIMAL SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	43456716	Subrato Ghosh	Hatchery Seed Production Technology And Grow-Out Farming Of Monosex Tilapia Oreochromis niloticus In North 24 Parganas, West Bengal
2	96159576	Sourav Kumar Khan	Surface charge-nutrient movement in soil designed a key role for well survival of mankind
3	95093388	Souren Dutta	Population dynamics and ecological management of dark-headed striped borer, Cicadella viridis
4	88875832	Sudip Bhattacharyya	Multi-residue Pesticide Determination in/on Betelvine Leaves with a modified QuEChERS Method Using LC-MS/MS
5	69388814	Banhishikha Singh	Ameliorative Effect of Calcium ion on Salt stressed Rice seedlings
6	94745779	Christina L	Identification and biology of red tailed shrimp, Penaeus penicillatus (Alcock, 1905) in West Bengal, India
7	77701629	Sabyasachi Chakraborty	Effect of cultured micro-organisms on wastewater decomposition and fish growth in a pond system in East Kolkata Wetland - a comparative study
8	40238552	Sayan Das	Statistical optimization of production of Tannase by SSF using Aspergillus sp.
9	50809600	Ria Biswas	Identification of Yield Determining Factors for Paddy grain and seed Production in Indo Gangetic Basin of West Bengal
10	71299031	Pratick Mondal	A Study on Consumers' and Retailers' Preference towards Some Important Fruits in West Bengal, India
11	64695052	Achinta Mahato	Dietary fortification of fish and yogurt with different nano-dimensional zinc and iron particles for personalized nutrition
12	70624923	Nabir Ali Sardar	Major Carp And Giant Prawn Culture In Paddy Field – An Experience
13	49347910	Sumit Nath	Antibacterial Efficacy of Some Medicinal Plants against Pathogenic Bacteria Isolated from Freshwater Fish: An in vitro Microbiological Study
14	64095288	Avik Chattopadhaya	Crop Insurance in India: A Study Based on the Perception of Indian Farmers

15	30197807	Aditi Basak	Alternative strategy to feed estimated nine billion world population by 2050 : introducing GMO crops to daily life
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Discipline– ENGINEERING

SI No.	Abstract ID	Corresponding Authors Name	Title
1	33303280	Soma Ghosh	Synthesis and Characterization of Hydrophobic Carbon Dot Encapsulated Liposomes
2	78546942	Monodip Chakraborty	Manufacturing Of Bilayer Matrix Tablet Of Aceclofenac
3	74457571	Soham Banerjee	Comparitive Study Between Moving Bed Biofilm Reactor(MBBR) And Activated Sludge Process(ASP) For The Treatment Of Tannery Effluent
4	77443818	Prasun Kumar Mondal	Air Quality Index of Ambient Air Quality of Kolkata Municipal Corporation area in the year 2013-2014
5	58520995	Subhrajyoti Banerjee	Antibody mimetic IMMUNOTHERAPY for cancer

Discipline– ENGINEERING

SI No.	Abstract ID	Corresponding Authors Name	Title
1	36433729	PINAK RAY	Comparative Analysis of Ground Improvement using Various Admixtures – A Review
2	83069275	Subhas Chandra Pal	Development of efficient Drainage and water supply systems in High-rise Buildings.
3	85426153	Biswaroop Ghosh	Use of Autoclaved Fly-Ash Aggregates in Concrete Mixture
4	96379564	SOUVIK ROY	Bridge Failures in India:A Study

Discipline–MEDICAL SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	16000293	Subrata Ganguli	A Possible Correlation of African Diet and Lifestyles with Diabates Mellitus and Its Potential Use in Therapeutic Management
2	25665841	Jayita Roy	Synthesis and characterization of ofloxacin loaded calcium alginate nanoparticle using o/w emulsion template

3	28536667	Arpita Bhowmick	Screening and media optimization of anti microbial producing endophytic fungi against pathogenic MDR bacteria
4	42027589	Dharmajit Pattanayak	Formulation and evaluation of floating and mucoadhesive tablets containing oral hypoglycemic agent
5	45438192	Subhadip Bag	Effect of alcoholism in male infertility
6	62144127	Payel Paul	Caffeine: A Molecule With Efficient Antibiofilm Activity Against Pseudomonas aeruginosa
7	65079978	Moumita Kundu	3D pharming : Direct printing of personalized pharmaceutical tablets
8	70795903	Pinaki Chakrabarty	DDT-is it a boon or a bane
9	73602226	Tiyasa Roy	Synthetic Antihypertensive Drug In Modern Scenario
10	77454437	Raneet Das	Ketoconazole Coated Mesoporous Zinc Oxide Particle As Dusting Powder For Topical Formulation
11	78119103	Srijani Biswas	Synthesis And Characterization Of Gemcitabine Loaded Nanoparticle Using Water Soluble Derivative Of Chitosan
12	79292481	Somnath Mondal	Nutritional status and prevalence of Anemia in Tribal Population in Rural Part of West Bengal
13	84434174	Dona Roy	Why people gain weight as they get older
14	85281169	Ananda Sanchayeeta Mandal	Biofilm Intervention Strategy By A Coat Of A Preformed Biofilm Structure That Normally Formed On Skin Of Indian Cat-Fish
15	93538633	Soumi Bose	Preparation and Evaluation of Erythromycin loaded Nanoparticle to overcome Antibiotic Resistance
16	94099954	Meghna Saha	Alteration of serum biomarkers in primary knee OA.
17	99541536	Subhadra Roy	Effect of acivicin-glutaminase single and combination treatment on human PA-1 cells- an in vitro study

Discipline–SOCIAL SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	30261087	Sujit Samanta	Vidyasagar on Women Empowerment in Bengal : A Critical Study
2	30489475	Sattwik Bhadra	Is life for us better than our forefathers?

3	35019704	Kuntal Chakraborty	What Moves the Sentiment of Indian Stock Market? : An Empirical Analysis
4	40108150	Sulagna Chowdhury	GENDER EQUALITY: 21st CENTURY INDIA
5	40935170	Sreya Mukherjee	Change in Territorial Urban Expansion Pattern: A Case Study on Kolkata
6	41822367	Amit Ghosh	Challenges and Prospect of IPR in Higher Education in India
7	43157276	Dr. Pintu Kumar Maji	Practices the R's: Measuring and Guide for Sustainability
8	59604708	Anirban Chakraborty	Online Shopping and Mental Illness: A case study in Berhampore Municipality, Murshidabad, West Bengal
9	61631814	Dr. Kakali Mukherjee	Emerging Scenario of the increasing Stakeholding of Underprivileged Women Wage Earners on the Mahatma Gandhi National Rural Employment Guarantee Scheme in West Bengal over the last 12 years (2006-07 to 2018-19) and resultant impact on Economic Empowerment of those women and their family members.
10	86899717	Prakriti Ranjan Sarkar	Technology In Universal Design For Learning
11	87136600	Phalguni Bhattacharya	"A study of suicidal tendencies between tribal and non-tribal adolescents based on their emotional intelligence."
12	92873100	Md Wasim Akram	Mother Tongue And Its Importance In Education

SCHEDULE OF PRESENTATIONS
24th December 2019
Session-II(Oral Presentation) Timing- 10.30 pm- 12.00 pm

Discipline–AGRICULTURE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	63284186	Eureka Mondal	Isolation and identification of Fungi from the larval body wall of Yellow Stem Borer (<i>Scirpophaga incertulas</i> Walker) during Kharif season at the lower Gangetic plains of West Bengal
2	68376176	Tanmoy Sarkar	Genetic divergence and molecular characterization of guava germplasm under West Bengal and its implication for conservation and breeding
3	18213373	Rupa Das	Growth, yield and seed quality parameters of Sesame (<i>Sesamum indicum</i> L.) as influenced by seed priming and pinching
4	22872648	Md. Mofijul Islam	Comparative Distribution and Role of Uterine CD8+ T-Lymphocyte in Pregnancy Development of Garole Sheep
5	95482585	Paresh Nath Chatterjee	Synthesis of dietary nano-calcium phosphate particles and its precision inclusion for sustainable livestock production
6	55494243	Krishnendu Sen	Rhizomicrobiome Induced Natural Disease Suppressive Activity of Agricultural Soil against Southern Blight Pathogen, <i>Sclerotium rolfsii</i>

Discipline–CHEMISTRY

SI No.	Abstract ID	Corresponding Authors Name	Title
1	63440103	Dr. Tithi Maity	Evaluation of novel CU (II) and Ni(II) complexes of pi pyridine derivative : Promising Anticancer, DNA binding and molecular modeling studies
2	64391939	Sarat Kanrar	Chromium impregnated Zirconium: a noble low cost nano adsorbent efficient removal of Crystal Violet dye from aqueous solution
3	65616205	Pallabi Mukherjee	Single crystal X-ray structurally characterized pyridine based Gd(III) and Sm(III) complexes: Plausible MRI contrast agent and photo-catalyst
4	79615041	Kamal Kanti Bera	Enhanced and synergistic effect of synthesized Pt-ZnO-Bi2O3 ternary hetero-junctions toward photo-electrocatalytic oxidation of methanol in alkali
5	82868947	Dr. Tanushree Bala	Effect of porous matrix towards enhanced photocatalysis by TiO2-Ag nanocomposites
6	83522900	Debasish Ray	Amplification of Photoelectrochemical Performance of WO3 Photoanode Through Selective Incorporation of Ca

7	93878927	Tapendu Samanta	Norbornene based unique fluorescent probes and their polymers for toxic metal detection in semi-aqueous medium with high selectivity and sensitivity
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Discipline–ENGINEERING

SI No.	Abstract ID	Corresponding Authors Name	Title
1	19628268	Amit Biswas	Manufacturing of Sustained Release Tablet of Diclofenac Sodium using Carboxy Methylated Chitosan as Matrix Material
2	35610769	Kunal Biswas	Implication of graphene nanosheets over physiological behaviour of a biological model organism C.elegans
3	62447159	Ananta Kumar Das	Analysis of Thermal Behavior of Fly Ash Lime Compacts to Find the Applicability as Refractory Material in Chemical Reactor
4	75696636	Dr. Ranadip Kundu	Micro-Hardness Study and the Indentation Size Effect on Metal Oxide Glass Nanocomposites
5	75743866	Dr. Mallika Datta	A simple empirical model of jute reinforced composite based micro perforated panel for acoustical applications
6	81810562	Susmita Patra	Embryotoxicity study of Drymaria cordata (Linn.) leaf on Zebrafish embryos
7	85381251	JOYEETA BOSE	Incorporation of Functionalized Silicon Carbide Nanoparticle into the Membrane matrix to improve the Inevitable Property of Two Different Polymer
8	87663590	AHERIA DEY	14-3-3 isoforms in Legumes: an in-silico investigation(
9	88990837	Ankita Dey	Preparation and Characterization of Gemcitabine Loaded Dual Responsive Nanogel
10	90763558	SWETA PAUL	Study of dielectric relaxation of Molybdenum doped Zinc-Selenite glass nanocomposites: frequency and temperature

Discipline– MEDICAL SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	45984557	Biswadip Ghosh	Comparison of Methotrexate and glucosamine in primary knee osteoarthritis.
2	51012030	Arunima Sen Gupta	UTI - Microbiological And Microscopic Correlation
3	52091962	Swati Sinha	ssDNA Oligonucleotide Functionalized Single-walled Carbon Nanotube as Emerging Drug Delivery Vector in Nanomedicine

4	54210386	Isani Dutta	Synthesis and characterisation of paclitaxel and gemcitabine loaded lipid polymer hybrid nanoparticles
5	54353751	Ananya Das Mahapatra	Evaluation of Antimicrobial potential of an Ethnomedicinal formulation of Jangalmohal against selected MDR-bacteria and Herpes simplex virus
6	57124414	Tanmoy Mondal	Study of DNA damage and Cellular Toxicity at Diagnostic level of Radiation by 18F-FDG
7	57696033	Biswajit Das	Understanding molecular mechanisms of new phytochemicals as potential anti-biofilm agents against Pseudomonas aeruginosa
8	57930286	Mahima Ganguly	Investigation of TNF- α levels in Dengue patients and screening of its inhibitor(s) by in silico approach
9	59506384	Isha Ghosh	Designing Meropenem-B-Cyclodextrin Formulation To Target Blood Brain Barrier Passage.
10	60066999	Dr. Soumendra Darbar	Redox nanoparticles act as a safe and symptomatic novel treatment approach for inflammation and hepatic fibrosis associated with oxidative injury
11	61054878	Suman Chakraborty	A Biosystematics Study Of Medicinal Properties Of Strychnos Potatorum - Its Scope And Prospect In Human Pathogenetic Trial
12	63328065	Dibyajit Lahiri	The Action of Decanoic acid from Clitoria ternatea as Antibiofilm Agent Upon Alcaligenes faecalis DMR-19 Mediated Biofilm Related Soft Tissue Dental Infection
13	68359868	Anindita Chatterjee	Green Nanotechnology- an alternative therapy for treatment of multi-drug resistant bacteria in a tertiary care hospital
14	70726578	Pampita Chakraborty	Assessment Of Oral Microbiota In Children And Adolescents With Type 1 Diabetes Mellitus And Periodontal Disease
15	72874687	Sanchita Rakshit	Juvenile Diabetes – An Alarming Threat To New Generations

Discipline– SOCIAL SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	79754867	Shrinwantu Raha	Tourism Potentiality Analysis using Multicriteria based Tourism Potentiality Index: a Study on Bankura District, West Bengal, India
2	81974015	Pijush Kanti Ghosh	An Appraisal of Solid Waste Management (SWM) system at Shibda Village in Purba Bardhaman District of West Bengal
3	84671053	Dr. Rita Karmakar	Social Capital and Organizational Commitment: What Role Does Positive Psychological Capital Play?
4	86379159	Koushik Chakraborty	An update of the progression of Nasopharyngeal carcinoma: The association with different risk factors in northeastern India and the global perspective
5	87929658	Tuhin Mukherjee	Physiological Implications of Nursery Rhymes as A Developmental Tool for Kids & Toddlers
6	89239946	Rosalima Gupta	Patent Analysis on Artificial Intelligence in Food Industry: Friend, Not Foe

7	90382154	Arup Majumder	Socio-Cultural Status of the Indigenous People of Purulia, West Bengal
8	92452853	Koyel Chakraborty	Influence of Poverty on Gender Crimes: Resurrecting the Gap of Myth and Reality
9	92720965	Sayaran Mitra	ARIMA & GARCH Modelling of Financial Time Series: Empirical Evidence from Indian Stock Market
10	97761832	Sumit Panja	Impact Assessment of Climatic Vagaries on Rural Livelihood of Coastal Area: An Empirical Study of East Medinipur, West Bengal

SCHEDULE OF PRESENTATIONS
24th December 2019
Session-III (Oral Presentation) Timing- 12.15 pm- 1.15pm

Discipline–ENGINEERING

SI No.	Abstract ID	Corresponding Authors Name	Title
1	11691254	Kalyan Kumar Moulick	Comprehensive Study on Prospect of Rice Husk Ash Blended Cement in West Bengal
2	11752726	Monalisa Char	Investigation of quality of lead-free solder joint interface and effect of tin multilayer by non-destructive method
3	12809854	Kaustav Das	Study Towards Green Concrete For Better Sustainable Construction
4	26016386	Arghyakamal Bhattacharya	Heat & Leak Proof (H.L.P) Block
5	26965575	Bikash Shaw	AC Conduction And I-V Nature Of Some Perovskite-Nanocomposite Assembly
6	44738988	Sayandip Ganguly	A Comparative Study on Analysis of Rectangular Combined Foundation using SSI Effect
7	53919936	Asmita Poddar	AC Conductivity and Dielectric Relaxation of Some Silver Ion Conductors
8	64772119	Debasish Dewan	Approach for Reduction of Specific Water Consumption in a Thermal Power Plant- A Case Study
9	73714470	Arpita Guha(Bose)	Studies of effects of scintillation on GPS & IRNSS signal in few cases of low solar activity period of 2015-18
10	85928875	Arindam Das	Characterization of Land Use/Land Cover changes at informal settlements in targeted areas of West Bengal
11	98773365	Sovan Kumar Panda	Plasmon-based detection of organic and inorganic molecules

Discipline– MEDICAL SCIENCE

SI No.	Abstract ID	Corresponding Authors Name	Title
1	73559774	Dr. Malabika Banerjee	Andrographis paniculata Inhibits Quorum Sensing, Virulence and Biofilm Formation of Pseudomonas aeruginosa and

			Alleviates the Inflammatory Injury into Infected Macrophages.
2	74004369	Ranojit Kumar Sarkar	Enterobacter cloacae AKS7: A potential candidate that degrade Low density poly ethylene (LDPE) through biofilm formation.
3	75239682	Uttam Kumar Maji	Role of Acetyl Salicylic Acid in Controlling the DOCA-Salt Induced Hypertension in Rats by Stimulating the Synthesis of r-Cortexin in the Kidney
4	77126687	Debarpita Santra	AI Based Medical Decision Support System for Evaluation of Low Back Pain: A Preliminary Design
5	78904205	Prithvijit Chakraborty	Efficacy Of Percutaneous Transhepatic Biliary Stent Implantation Compared To Endoscopic Stent Placement In Management Of Malignant Obstructive Biliary Pathologies A Study In A Tertiary Care Hospital In Eastern India
6	79452247	Sourav Datta	Evaluation of Serum C - reactive protein for predicting severity of dengue illness in resource limited setting
7	83290238	Deblina Sarkar	Impact of conventional anti-leishmanials upon mitochondrial bioenergetics
8	84811106	Atreyee Dutta	Cytogenetic Evaluation of Aplastic Anaemia Patients in Eastern India- 5 Years Study
9	85813261	Priyanka Chakraborty	In vitro Anti-Inflammatory Activity Of Methanolic Extract of Arisaema tortuosum(Wall.) Schott.
10	89313327	Sohini Kulavi	Green Synthesis, Biophysical Characterization and Antimicrobial Screening of Tea Bio-active Compounds Conjugated Gold Nano-particles.
11	90377314	Sudipta Chatterjee	Systemic deregulation of non-coding RNAs in patients with Rheumatoid arthritis and their impact on clinical parameters
12	91093071	Dwaipayan Chaudhuri	In silico designing of peptide based vaccine for Hepatitis viruses using reverse vaccinology approach
13	91234399	Kaustav Pal	Effect Of Naringin On Ndea- Induced Hepatocellular Carcinoma With Special Reference To Mmps As Prognostic Biomarkers
14	92624517	Satyabrata Majumder	An insight into the effect of Viprinin and its Morpholine and Piperidine derivatives with HIV-1 Vpr: molecular dynamics simulation, principal component analysis and binding free energy calculation study
15	96417972	Payel Mukherjee	Zinc Ion Sensing In Blood Plasma With Carbon Dot
16	98741524	Abul Hasan Sardar	Genetic Manipulation of Leishmania donovani to Explore the Involvement of Argininosuccinate Synthase in Oxidative Stress Management for Its Survival Inside Host
17	99293224	Madhuparna Ghosh	Melatonin deprivation -hazard to sleep and relation with polycystic ovarian syndrome
18	99670437	Namrata Chakraborty	A Brief study on allergy and its triggers