



## 4<sup>TH</sup> REGIONAL SCIENCE & TECHNOLOGY CONGRESS (WESTERN REGION), 2019 [RSTC (WR), 2019]



To be organised jointly by The University of Burdwan, Burdwan and  
Department of Science & Technology and Biotechnology, Government of West Bengal  
*December 09-10, 2019*

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No.: BU/RSTC/2019/NOT-01

Date: 21/11/2019

The following papers have been accepted for presentation in the 4<sup>th</sup> Regional Science & Technology Congress (Western Region), 2019 to be held at The University of Burdwan during December 09-10, 2019. Time and venue of presentation will be notified shortly. Only the presenting authors are entitled for registration. Presenting authors are requested to carry a valid photo identity card with them. Please note that ten minute is allotted for each participant for oral presentation and 3ft×4ft (vertical placement) space will be provided for fixing a poster.

On behalf of the Organising Committee

Professor Arijit Ghoshal  
Organising Secretary  
RSTC(WR), 2019  
The University of Burdwan

**Discipline: Agriculture-Fisheries and Animal Science**

<b>SI No.</b>	<b>ID</b>	<b>Name of presenter</b>	<b>University / College</b>	<b>Title of the Paper</b>	<b>Mode of presentation (Oral (O)/ Poster (P))</b>	<b>Abstract number</b>
1	52381059	Achinta Mahato	West Bengal University of Animal and Fishery Sciences	Dietary fortification of fish and yogurt with different nano-dimensional zinc and iron particles for personalized nutrition	<b>O</b>	ASO01
2	88334952	Baisakhi Chakraborty	Raja Narendralal Khan womens College (Autonomous)	Village level groundwater quality assessment using GIS and Geostatistics techniques	<b>O</b>	ASO02
3	20522319	CHANCHAL KUMAR DEY	THE UNIVERSITY OF BURDWAN	RELATIONSHIP BETWEEN IRRIGATION INTENSITY AND CROPPING INTENSITY IN PURBA BARDHAMAN DISTRICT, WEST BENGAL, INDIA	<b>O</b>	ASO03
4	24649981	Debnarayan Chowdhury	The University of Burdwan	Acceptance of Formulated Diets By the Butter Catfish, <i>Ompok bimaculatus</i> (Bloch) Juveniles: Evaluation of Survival, Growth, Digestive and Metabolic Functions	<b>O</b>	ASO04
5	66957398	Dipanjan Dutta	Hooghly Mohsin College	Application of Probiotic <i>Bacillus tequilensis</i> (KF623287) Either as Feed Supplement or Water Additive Improved Growth, Nutritional Quality and Immune Response	<b>O</b>	ASO05
6	96560027	Kishore Chandra Swain	Visva-Bharati	Crop Rotation Selection Using AHP-GIS Technique	<b>O</b>	ASO06
7	91381865	KRISHNENDU MAJHI	The University of Burdwan	Exploration of Cu-accumulating bacteria from copper mines of East Singhbhum, Jharkhand, India: Its impact on rice	<b>O</b>	ASO07
8	10232668	MAINAK BANERJEE	THE UNIVERSITY OF BURDWAN	Utilization and Status of Sewage of Titagarh Municipality in Aquaculture System.	<b>O</b>	ASO08
9	76289143	Mrinmoy Ghorai	Panskura Banamali College (Autonomous)	Investigation for biodiversity of ichthyofauna from Subarnarekha river in three Indian states	<b>O</b>	ASO09
10	59020227	NAYAN ROY	BURDWAN UNIVERSITY	Population Based Economic Threshold Calculation for Ecological Management of <i>Spilosoma obliqua</i> Walker on Sesame	<b>O</b>	ASO10
11	19484623	Nirmalya Chakraborty	University of Calcutta	<i>Bacillus</i> spp. from soil of West Bengal: a hope for management of eggplant wilt	<b>O</b>	ASO11

12	73241202	Piyali Mukherjee	The University of Burdwan	Algae Biomass as Alternative to Wood Pulp in Handmade Paper Technology	O	ASO12
13	48433214	Pritiranjana Maiti	Egra SSB College	Salinity Infiltration on the soils of Vannamei Shrimp Farming Areas of Contai, Purba Medinipur, West Bengal With Reference To Crop Productivity and Impact on Food Security	O	ASO13
14	43698044	PRIYAJIT MONDAL	THE UNIVERSITY OF BURDWAN	Bio-prospecting of Pink Pigmented Facultative Methylophilic (PPFMs) isolated from phylloplane of local rice cultivars	O	ASO14
15	26001020	SAMIDDHA BANERJEE	Visva Bharati University	Role of RIG1 Gene against Haemonchus contortus, a gastro intestinal deadly parasite in Ovis aries	O	ASO15
16	99615886	Sandipan Talukdar	Burdwan University	Evaluation of bio-processed Ficus religiosa Leaf Meal in the Diets of Rohu, Labeo rohita (Hamilton): Effects on Growth, Metabolism and Activities of Digestive Enzymes	O	ASO16
17	35848629	Souraditya Chakraborty	Garhbeta College	Freshwater Cladocera (Cladocera: Brachiopoda) diversity of Lateritic Rarh Belt of West Bengal, India: A review	O	ASO17
18	38397116	Sudeshna Banerjee	The University of Burdwan	Nutritional Evaluation of Linseed Oil Cake in Formulated Diets for Rohu, Labeo rohita (Hamilton) Fingerlings After Solid State Fermentation With A Non-Starch Polysaccharide Degrading Fish Gut Bacterium, Bacillus pumilus (KF640221)	O	ASO18
19	69021510	Chiranjit Singha	Visva-Bharati	Mapping of Agriculture Farms using GIS and GPS Technique	P	ASP01

20	49621059	MANTU CHAKRABORTTY	VIDYASAGAR UNIVERSITY	Inhibition of Acetolactate Synthase (ALS) by sulfonylurea group containing active ingredients: an in-silico Approach	P	ASP02
21	58912773	Ranita Mukherjee	Vidyasagar University	Study on Focused Indigenous Ornamental fishes of Southern Bengal and their Declining Trends	P	ASP03
22	94433810	Shyamal Dogra	Vidyasagar University	Cultivation Of 'Paanifol' In Ghoshpur GP, Panskura, Purba Medinipur	P	ASP04
23	10556892	Srabanti Dogra	Vidyasagar University	Farming Of Mourola Amblypharyngodon mola With Indian Major Carps	P	ASP05
24	77054319	SUBHAS CHANDRA DATTA	Eco-Club Research Unit, Kanchannagar D.N.Das High School (HS)	Legume Plants Improve Midday Meal in School	P	ASP06
25	22763250	Tarasankar Adhikari	University of Burdwan	Life Table based Ecological Management of Rice Brown Planthopper, Nilaparvata lugens (Stal)	P	ASP07

Discipline: Botany

SI No.	ID	Name of presenter	University / College	Title of the Paper	Mode of presentation (Oral (O)/ Poster (P))	Abstract number
1	74252476	Anjan Kumar Sinha	Raghunathpur College	Comparative analysis of Nutraceutical parameter of important rice landraces ( <i>Oryza sativa</i> L.) of red and lateritic region of West Bengal	O	BOO01
2	60484348	Agnideepa Kar	University of Burdwan	Exploring anti-inflammatory, anti-diabetic and antioxidant based phytonutrient promise of some selected ecotypes of <i>Amaranthus spinosus</i> L. for prevention of degenerative disease	O	BOO02
3	60362659	Avishek Sarkar	The University of Burdwan	Effect of microbial inocula on production of principal secondary metabolite plumbagin from the medicinal plant <i>Plumbago zeylanica</i> L.	O	BOO03
4	54442283	Babita Pal	University of Burdwan	Standardization of quality redox parameters for assessing the seed health under storage of some indigenous aromatic rice cultivars (IARCs) of West	O	BOO04
5	55248096	Chandan Das	MUC Womens College Burdwan	Allelopathy of <i>Shorea robusta</i> Gaertn.f. : Allelochemicals and their Interactions	O	BOO05
6	17280283	Debabrata Das	Ialgarh Govt. College	Studies on some Non Timber Forest Produce (NTFPs) productivity in lateritic forest of Jhargram	O	BOO06
7	78429728	Dipan Adhikari	Hooghly Mohsin College	Assesment of Cytogenotoxicity of permitted and non-permitted food colorants (Azo dyes) in using <i>Allium cepa</i> L. root tin cells as model system	O	BOO07

8	37583279	HEMATA SAHA	SURI VIDYASAGAR COLLEGE	Floral biology and Pollination of <i>Nigella sativa</i> L.	O	BOO08
9	12159870	MOUTUSHI SEN	DURGAPUR GOVERNMENT COLLEGE	Characterization of Leaf Epidermal Cells and Study of Their Expansion Ratio with Special Emphasis on Pavement Cells of Some Selected Plants	O	BOO09
10	62044219	PAMPI GHOSH	Seva Bharati Mahavidyalaya, Kaggari, Jhargram	Mass culture of AM fungi from forest soil and its applications as fungal biofertilizer	O	BOO10
11	59569953	RIA DAS	THE UNIVERSITY OF BURDWAN	ASSESSMENT OF ALLELOPATHIC ACTIVITY OF AQUEOUS EXTRACT OF SCADOXUS MULTIFLORUS	O	BOO11
12	86663552	Riya Pal	The University of Burdwan	SEM Study of Different Parts of CMS Line Rice for Panicle Emergence under Different Treatments	O	BOO12
13	79183463	Sandipta Ghosh	University of Calcutta	Crude Polysaccharides As Immunostimulator From <i>Macrocybe gigantea</i> & It's Left Over Residue As Adsorbent Of Environmental Dye Contaminants	O	BOO13
14	88743161	Sankar Narayan Sinha	University of Kalyani	BIOSYNTHESIS OF SILVER AND COPPER NANOPARTICLES USING DOLICHOS LABLAB LEAF EXTRACT AND THEIR ANTIBACTERIAL ACTIVITY	O	BOO14
15	64235100	SOUMI GHOSH	VISVA BHARATI	Study of Stigma Receptivity in Two Species of <i>Solanum</i>	O	BOO15
16	19827971	Subhabrata Ghosh	Mahadevananda Mahavidyalaya, Barrackpore	MORPHO-ANATOMICAL STUDY OF THE BROWN MACROALGAE <i>PADINA TETRASTROMATICA</i> HAUCK (DICTYOTALES, PHAEOPHYCEAE) & ITS DISTRIBUTION IN THE COASTAL WATERS OF INDIA	O	BOO16

17	71054043	SUBIR SAMANTA	Aghore Kamini Prakash Chandra Mahavidyalaya, Bengai, Hooghly	Growing of carnivorous plants and spermatophytes in a low cost in vitro system	O	BOO17
18	97537565	SUCHETA MANDAL	Banwarilal Bhalotia College	POTENTIAL ROLE OF LACTIC ACID BACTERIA FOR CONTROLLING MOULD GROWTH AND MYCOTOXIN PRODUCTION	O	BOO18
19	72747515	SUDHRITA PORE	Bandel Vidyamandir High School	Role of Phytoplankton as an ecological indicator in Bio-monitoring Studies	O	BOO19
20	86571229	Sumita Mondal	Vivekananda Mahavidyalaya	Assessment of photo-protective activity of hydro-methanolic leaf extract of <i>Holoptelea integrifolia</i> (Roxb.) Planch	O	BOO20
21	52170758	TITHI SOREN	THE UNIVERSITY OF BURDWAN	Characterization of 4-nitrophenol degrading Sphingobacterium thalpophilum MCC 3464 isolated from agricultural field, West Bengal having Plant Growth Promoting traits	O	BOO21
22	26997584	Abhinanda Ghosh	THE UNIVERSITY OF BURDWAN	Mass multiplication of the VAM fungus Rhizopagus irregularis by using different host plants	P	BOP01
23	57945236	ADWAITA DAS	THE UNIVERSITY OF BURDWAN	Assessment of Bioactivity of Hydro-methanolic leaf extract of Vernonia squarrosa (D. Don) Less.	P	BOP02
24	28847895	BHRAMAR DUTTA	The University of Burdwan	Isolation of halophilic bacteria from delta areas of West Bengal and its impact on ameliorating salt stress in plant growth	P	BOP03
25	85961268	BIYAS MUKHERJEE	THE UNIVERSITY OF BURDWAN	Characterization of a Plant growth promoting fungal strain Aspergillus fumigatus MCC 1721 isolated from the rice field of burdwan district with special reference to IAA production	P	BOP04
26	56035915	Chandrama Mukherjee	The University of Burdwan	The Mystery behind the Fragrance of Flower.	P	BOP05
27	38559229	Indrani Sarkar	Kazi Nazrul University	ETHNOBOTANICAL USE OF Aloe barbadensis (Mill.): AN ORIGINAL SURVEY AND OBSERVATION WITH SOME CSAE STUDIES	P	BOP06

28	90650127	JAY MAL	BURDWAN UNIVERSITY	OBSERVATION ON THE ALGAL DIVERSITY OF DOOARS	P	BOP07
29	14595766	Kalyan Ghosh	Hooghly Mohsin College	Study of Antibiotic Resistant Bacteria In Natural Habitats of Chuchura, West Bengal	P	BOP08
30	12105756	Mousumi Khatun	The University of Burdwan	An in-silico structural functional analysis of nitrogenase enzyme of Rhodobacter blasticus and functional allocation of N2 fixing genes of its whole genome.	P	BOP09
31	39544267	Mridula Bhandari	The University of Burdwan	Comparative Genomics Study of Some Selected Gut Microbes in Human	P	BOP10
32	11463632	NARENDRA NATH KOLEY	BURDWAN UNIVERSITY	TRENTEPOHLIA FROM DIFFERENT LOCALITIES OF HIMALAYAN REGION OF WEST BENGAL	P	BOP11
33	58913858	Oendril Das	Hooghly Mohsin College	STUDY OF THE EFFICACY OF BIOACTIVE COMPOUNDS OF CORN SILK ON HUMAN EPITHELIAL CELLS	P	BOP12
34	82747190	POOJA RAJAK	THE UNIVERSITY OF BURDWAN	HISTOCHEMICAL ANALYSIS OF THE ARIAL STEM AND UNDERGROUND STEM OF SOME MEMBERS OF CYPERACEAE FROM WEST BENGAL	P	BOP13
35	62826695	PRIYANKA CHAKRABORTY	THE UNIVERSITY OF BURDWAN	Ascorbic acid mediated hardening of two pulse seed cultivars for long term storage with their standard vigour	P	BOP14
36	51414760	Puspendu Karmakar	University of Burdwan	OBSERVATION ON THE EFFECTS OF ARSENIC & CADMIUM SALTS ON Pithophora oedogonia	P	BOP15
37	59272317	RAJARSHI RIT	THE UNIVERSITY OF BURDWAN	Isolation of Plant Growth Promoting Endophytic fungus Alternaria alternata from Macrotyloma uniflorum (Lam.) Verdc.	P	BOP16
38	79593154	Sanjukta Ghosh	The University of Burdwan	Production and characterization of yellow pigments from three different psychrophilic species	P	BOP17
39	35273501	SHINJAN DEY	THE UNIVERSITY OF BURDWAN	Isolation and Characterisation of plant growth promoting traits and salt tolerant properties of Bacillus cereus (MCC 4087)	P	BOP18
40	88869729	SHOVAN RAKSHIT	WEST BENGAL STATE UNIVERSITY	A preliminary study on the Macrofungal diversity of Burdwan District, West Bengal	P	BOP19



41	54096238	SOUMI BANERJEE	THE UNIVERSITY OF BURDWAN	Isolation of phosphate solubilizing rhizobacterial strain <i>Pseudomonas aeruginosa</i> MCC 3877 with special reference to Indole acetic acid (IAA) production	<b>P</b>	BOP20
42	58657653	SUBRATA MAJUMDER	THE UNIVERSITY OF BURDWAN	Phytolith As An Effective Taxonomic Tool In Different Members of Cyperaceae	<b>P</b>	BOP21
43	22446172	Subrata Mondal	The University of Burdwan	Comparative Study of Vessel Conduit and Conductance of <i>Avicennia</i> L and <i>Sonneratia</i> L.f from Indian Sunderban	<b>P</b>	BOP22
44	59382940	Sukanta Ankure	The University of Burdwan	Taxonomic significance of leaf anatomical features in mangrove Rhizophoraceae (=tribe Rhizophorae)	<b>P</b>	BOP23
45	51305945	Sunanda Dutta	The University of Burdwan	Siderophoregenesis Optimization of <i>Penicillium roqueforti</i> (MCC-1717), Isolated as a Dark Septate Root Endophytic Fungus from the Medicinal Herb <i>Celosia cristata</i> L.	<b>P</b>	BOP24
46	61292062	TUHIN PAL	University of Burdwan	Assessment of the diversity based on the partial sequence matK (Maturase K) gene of some species of <i>Chara</i> (Charophyceae)	<b>P</b>	BOP25

Discipline: Chemistry						
SI No.	ID	Name of presenter	University / College	Title of the Paper	Mode of presentation (Oral (O)/ Poster (P))	Abstract number
1	25886153	Ahad Shaikh	The University of Burdwan	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	O	CHO01
2	62910556	Ananta Kumar Ghosh	Burdwan Raj College	WEAK INTERACTIONS DIRECTED COORDINATION POLYMER	O	CHO02
3	45245336	ASIT MONDAL	THE UNIVERSITY OF BURDWAN	Aggregation induced emission enhancement (AIEE) of naphthalene appended Schiff base : An Al <sup>3+</sup> ion	O	CHO03
4	52248572	Debasish Kundu	Government general Degree College at Mangalkote	Nickel-Copper Dual Catalyzed sustainable C-C Cross Coupling of TMS-Acetylene	O	CHO04
5	20289509	DR HABIBAR CHOWDHURY	Kabi Nazrul College, Murarai, Birbhum, 731 219	Syntheses, X-ray structures and molecular properties of two cadmium(II)halido compounds containing a Schiff base with (N,N,N) donor set	O	CHO05
6	66278460	Kalachand Mahali	University of Kalyani	Solubility and solvation thermodynamics of some amino acids in aqueous solutions of ammonium sulfate at 298.15.K	O	CHO06
7	11043109	KHONDEKAR NURJAMAL	VISVA-BHARATI	Green-Inspired Synthesis of Diverse Chromeno-pyrano[2,3-d]pyrimidines: Molecules of Biological Interest	O	CHO07
8	31935976	Mainak Mitra	Burdwan Raj College	Electrocatalytic proton reduction by FeII(N4Py) and related complexes	O	CHO08
9	60871585	Pallabi Mukherjee	The University of Burdwan	Single crystal X-ray structurally characterized pyridine based Gd(III) and Sm(III) complexes: Plausible MRI contrast agent and photo-catalyst	O	CHO09

10	18160262	PARNAJYOTI KARMAKAR	GGDC at Kalna 1	MECHANISTIC ASPECTS OF LIGAND SUBSTITUTION ON CIS-DIAQUA(2-AMINOMETHYLPYRIDINE)PLATINUM(II) COMPLEX BY SOME SULPHUR	O	CHO10
11	87174421	Piyali Ghosh	MUC Womens College	Qualitative & Quantitative Analysis of Steroidal Drugs: QSAR Study	O	CHO11
12	31684851	PRASANTA PATRA	Vidyasagar University	Synthesis of Poly Cyclic Pyridocoumarin Derivatives Using Aqueous NH <sub>4</sub> SCN	O	CHO12
13	50869898	RIMI SARKAR	VISVA BHARATI	Dithizone enriched silica gel surface, {SiO <sub>2</sub> }@DZ obtained in a single step for selective sample clean up of Cd(II) from its congeners employing ion pair	O	CHO13
14	19912853	Sadhan Kumar Roy	Sonamukhi College	Structural studies of a water-soluble glucan isolated from hot water extract of an edible mushroom, Pleurotus florida	O	CHO14
15	91643841	Sahidul Islam	Trivenidevi Bhalotia College	Interactions of Triethylamine with 4-Fluorophenylacetylenes in Solutions	O	CHO15
16	87410559	Sanjib Ganguly	St. Xaviers College	Rhodium assisted C–H activation in benzothiazole-hydrazone derivatized pyrene	O	CHO16
17	54186295	SOMNATH KHANRA	The University of Burdwan	Al <sup>3+</sup> promoted aggregation of a new unsymmetrical azine derivative in surfactant medium	O	CHO17
18	59200029	SUDESHNA CHATTERJEE	The University of Burdwan	Optical recognition of nano-molar Pb <sup>2+</sup> ion using a structurally characterised Mo(VI) complex of amide-imine conjugate	O	CHO18
19	29993387	Tanmay Mathur	Abhedananda Mahavidyalaya	Synthesis strategies of pyridine containing mixed bi-heterocyclic azo compounds and studies their biological activities	O	CHO19
20	23407754	Trilochan Rakshit	Sidho- Kanho-Birsha University	Synthesis, characterization and properties of mixed ligand di-nuclear Ni(II) complexes	O	CHO20

21	36710736	Ujjal Kanti Roy	Kazi Nazrul University	Sono-chemically Synthesized Spin-canted CuFe <sub>2</sub> O <sub>4</sub> Nano-particles for Heterogeneous Green Catalytic Reactivity	<b>O</b>	CHO21
22	62863352	Ujjwal Mandal	The University of Burdwan	X-ray Spectro-Tomography - advancing Knowledge of What's Where	<b>O</b>	CHO22
23	84093615	ADITYA SUHASARIA	NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR	Bis-Benzothiazoles as Efficient Corrosion Inhibitors for Mild Steel in Aqueous HCl: Electronic Structure-Reactivity Correlation Study	<b>P</b>	CHP01
24	38584557	Ankita Dutta	The University of Burdwan	Detection of Co <sup>2+</sup> through FRET between Nitrogen Doped Carbon Quantum Dots and Rhodamine 6G	<b>P</b>	CHP02
25	31522701	Anwasha Dey	The University of Burdwan	Exploring the DNA-Binding Specificities of Zinc Proteins	<b>P</b>	CHP03
26	84557788	Arghya Dutta	The University of Burdwan	Bis(1,2-diphenylethylene-1,2-dithiolate)nickel(II) as electrical conductor	<b>P</b>	CHP04
27	21962280	ARNAB SARKAR	THE UNIVERSITY OF BURDWAN	A nuclear-localized naphthalimide based fluorogenic probe for selective detection of carbon monoxide in living cells	<b>P</b>	CHP05
28	83323858	ATANU RAKSHIT	THE UNIVERSITY OF BURDWAN	Hetero-aromatic N-base promoted oxidation of a long chain alcohol by Cr(VI) in micellar media	<b>P</b>	CHP06
29	65109394	BHAGIRATH MANDAL	VISVA-BHARATI	Dibenzo-alfa-pyrone from Cassia sophera: Isolation and Structural Elucidation	<b>P</b>	CHP07
30	19464405	Bikramaditya Mandal	Sidho-Kanho-Birsha University	Mononuclear Fe(III) and Mn(III) complexes with phenol-based ligand: Synthesis, Structure, Catechol oxidase activity, Amino acid sensing agent and Antibacterial	<b>P</b>	CHP08
31	82794355	DEBDAS SINGHA	VISVA BHARATI	Rhodamine functionalized mesoporous silica as chemosensor for efficient sensing of Al <sup>3+</sup> , Cr <sup>3+</sup> and Fe <sup>3+</sup> ions and their removal from aqueous medium	<b>P</b>	CHP09

32	69699291	DEBOJYOTI MUKHERJEE	THE UNIVERSITY OF BURDWAN	A Low-Spin Cr(II) Complex Containing Delocalized Azo-Anion-Radicals	P	CHP10
33	43893264	INDUKAMAL DATTA	THE UNIVERSITY OF BURDWAN	Role of Surfactants on metal mediated cerium(IV) oxidation of dextrose at room temperature	P	CHP11
34	30976731	Kallol Kumar Mukherjee	University of North Bengal	Investigation of the Antifungal activity of 2-Pyrrolidino-6-Bromo-1,3,2-Benzodioxaphosphorin-2 Sulphide	P	CHP12
35	35441152	MULLICKA MANDAL	VISVA-BHARATI	Ultrasound-Assisted Eco-Friendly Synthesis of Bio-Relevant Coumarin and Uracil Molecular Hybrids	P	CHP13
36	93737056	NANDAGOPAL BAR	Visva-Bharati	CHEMOSENSING ABILITY AND PHOTOCROMISM STUDY OF RHODAMINE B BASED MATERIAL	P	CHP14
37	98696823	Nasrin Jahan	The University of Burdwan	Synthesis of macrocyclic unsaturated ketones via Ring Closing Metathesis reactions	P	CHP15
38	92179400	RATAN SARKAR	THE UNIVERSITY OF BURDWAN	Kinetics and Mechanism of Micellar Catalysed Oxidation reaction by NBS in aqueous media and Determination of	P	CHP16
39	90804273	SABYASACHI TA	The University of Burdwan	Detection of Cytochrome c in live cell using a new polynuclear Cu(II) complex	P	CHP17
40	32499052	SEIKH TANIYA	The University Of Burdwan	Exploring a new dinuclear Fe(III) complex for fluorescence recognition of nano-molar Zn <sup>2+</sup> ion via metal displacement approach	P	CHP18
41	28236971	SHAMPA KUNDU	VISVA-BHARATI UNIVERSITY	Estimation of hydrogen sulfide from crude petroleum using a simple chemosensor	P	CHP19
42	25323102	SK MAINUDDIN HAQUE	THE UNIVERSITY OF BURDWAN	Biosorption of hexavalent chromium from contaminated water onto Eucalyptus sawdust as a low- cost biosorbent	P	CHP20

43	70393570	SNEHA MONDAL	Visva Bharati	Decreased rate of urea hydrolysis by Thiourea sorbed urease, "fluorescence turn-off properties" of nano FSG-Urease and Selective Removal of TU from Real Sample	<b>P</b>	CHP21
44	22112982	SUJAYA CHAKRABORTY	THE UNIVERSITY OF BURDWAN	Development of a new chemosensor for Zn <sup>2+</sup> and H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> ion in aqueous medium via "green-blue-green" emission.	<b>P</b>	CHP22
45	46199975	SUJOY DAS	NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR	Stability and thermal conductivity assessment of nanofluids for advanced heat transfer applications	<b>P</b>	CHP23

Discipline: Earth Science

SI No.	ID	Name of presenter	University / College	Title of the Paper	Mode of presentation (Oral (O)/ Poster (P))	Abstract number
1	25971970	ABIRA DUTTA ROY	BANKURA ZILLA SARADAMANI MAHILA MAHAVIDYAPITH	Mapping Building Density And Its Implications On Land Surface Temperature: A Case Study Of Kolkata Metropolitan Area	O	ESO01
2	17967994	AMINUDDIN ALI	Ramkrishna Mission Vidyamandira	Statistical Downscaling of multi-model forecast of seasonal rainfall over West Bengal (WB), India	O	ESO02
3	45623836	ANINDITA MUKHERJEE	JIS UNIVERSITY	APPLICATION OF GIS AND MIF TECHNIQUES FOR DELINEATING GROUNDWATER PROSPECTS ZONES IN BANKURA DISTRICT WEST BENGAL	O	ESO03
4	33755417	ANURUPA PAUL	VIDYASAGAR UNIVERSITY	An Assessment of Coastal habitats using CRA (Coastal Risk Assessment) Model along the Balasore District, Odisha, India	O	ESO04
5	53052481	JOYDEB SARDAR	VIDYASAGAR UNIVERSITY	The abandoned settlements of Sundarban coastal zones: Possible Signatures of the impact of Sea level rise in the deltaic coast of Indian Sundarban using Sentinel 2A data	O	ESO05
6	14919463	LAL MOHAMMAD	Vidyasagar University	Identification and Characterization of Sources of Aerosols Over Jharkhand State and Surrounding Areas Using AHP Model	O	ESO06
7	43959738	MANOJ KUMAR MAHATO	The University of Burdwan	Spatial distribution and factors responsible for different types of Wastelands in Drought-prone Puruliya District, West Bengal	O	ESO07

8	10975474	MITRAJIT CHATTERJEE	KABI SUKANTA MAHAVIDYALAYA	Riverine Morphology In The Southern Part of Nadia District, West Bengal	O	ESO08
9	75825837	MOITRI LET	THE UNIVERSITY OF BURDWAN	Study of Fluoride Loving Microbes to Mitigate Fluoride Contamination	O	ESO09
10	69670126	PIYUSH MAJI	THE UNIVERSITY OF BURDWAN	Impact of Plastics on Bio-physical Properties of Agricultural Soils in Burdwan I C.D. Block, Purba Bardhaman, West	O	ESO10
11	39897201	Pravat Kumar Shit	Raja N.L.Khan Womens College (Autonomous)	Effects of grass on runoff and sediment yield in gully bed concentrated flow experiment	O	ESO11
12	27387343	Pubali Sarkar	Asutosh College	Sorting: Indicator of Finer Bed Sediment Transfer Mechanism Through Channel	O	ESO12
13	84976784	Rabin Chakrabortty	The University of Burdwan	Impact of Climate Change on Soil Erosion in Gandheswari Watershed of India using RUSLE, SCS Runoff and CMIP5 Climatic Model	O	ESO13
14	60092055	SILPASRI KAR	VIDYASAGAR UNIVERSITY	Nature, Forms and Characteristics of Long and Cross Profile of Neora and Mal River in Jalpaiguri, West Bengal	O	ESO14
15	87425072	SOMNATH MUKHERJEE	Bankura Christian College	Tribal Social Ecology of Purulia District	O	ESO15
16	88803917	SOUMEN GHOSH	THE UNIVERSITY OF BURDWAN	Drainage Induced Waterlogging Problem and Its Impact on Farming System in Gosaba Island, Sundarban, India	O	ESO16



17	73814520	Sourav Mukherjee	The University of Burdwan	Impact of Opencast Coal Mining on River: A Case Study of Tumuni River Basin of Raniganj Coalfield	<b>O</b>	ESO17
18	77876865	SUBHA ROY	THE UNIVERSITY OF BURDWAN	Sediementological Response to Channel Shifting and Dam-induced Local Base Level Change: An Analysis of the Bhagirathi- Hugli River Stretch between Katwa and Mayapur, West Bengal	<b>O</b>	ESO18
19	96793731	SUBHENDU GHOSH	The University of Burdwan	Urban Expansion and Associated Spatial Transformation in Chandannagar City, West Bengal	<b>O</b>	ESO19
20	14018204	Arpita Sinha	Kazi Nazrul University	Identification of Landslide Susceptible Areas of Sikkim State, India Using Random Forest Model.	<b>P</b>	ESP01
21	28632294	Debadyuti Sinha	Kazi Nazrul University	Investigation on dynamics of Geothermal Reservoir by applying EMD Technique on Radon-222 gas expelled out of Bakreswar Hot Spring Vent	<b>P</b>	ESP02
22	74569047	DEBDUTI DEY	University of Burdwan	Land surface temperature and air quality status change due to open cast mining by using Geospatial techniques, a case study in ADDA region, west Bengal	<b>P</b>	ESP03
23	55586053	Diptanshu Saha	University of Burdwan	Population Dynamics based Ecological Management of Rice Black Bug, Scotinophara coarctata	<b>P</b>	ESP04

24	67976412	Koyel Gupta	KAZI NAZRUL UNIVERSITY	Comparison of Land Surface Temperature Change over Three Cities of West Bengal Using Temperature Normalization Method and Remote Sensing Data	P	ESP05
25	39503683	Monidipa Chatterjee	Kazi Nazrul University	Urban Development Site Suitability Analysis Using Geographical Information System and Random Forest Model	P	ESP06
26	81644126	Priyanka Panja	MAKAUT	Site Selection for Solid Waste Management Plant using GIS Platform for Budge Budge Municipality	P	ESP07
27	55343656	Shilpi Nag	kazi nazrul university	Identification of Flood Prone Areas of Dwarakeswar River Basin Using Fuzzy Multi-Criteria Decision Making System and Geo-Spatial Data	P	ESP08
28	46271161	SHYAMAL DUTTA	NA	Analyzing forest health in the South-Western West Bengal, India using Analytical Hierarchy Process	P	ESP09

Discipline: Engineering						
SI No.	ID	Name of presenter	University / College	Title of the Paper	Mode of presentation (Oral (O)/ Poster (P))	Abstract number
1	30823217	ARINDAM SARKAR	RKM Vidyamandira	Chaotic Artificial Bee Colony Guided Transmission of E-prescriptions through Neural Computing	O	EGO01
2	49093995	Banashree Mandal	MAKAUT /BENGAL COLLEGE OF ENGINEERING	Optimization of End phase Parameter for Effective Engagement using Real Coded Genetic Algorithm	O	EGO02
3	58571366	BIKAS MONDAL	ASANSOL ENGINEERING COLLEGE	RF based Wireless Patient Health Monitoring System	O	EGO03
4	33483791	DEBI PRASAD DE	IIT KHARAGPUR	ROLE OF RELIABLE SOFTWARE IN MODERN COMMUNICATION EXCHANGES	O	EGO04
5	82880566	Devarun Nath	Government College of Engineering and Textile Technology, Serampore	Development of Methodology to Assess the Distribution of Fibres in Translucent Resin Composites	O	EGO05
6	57014240	Dibyendu Roy	University Institute of Technology	Localization and Segmentation of Optic Disc in Retinal Fundus Images using Image Processing	O	EGO06
7	15355167	JOYDEEP DEY	MUC Womens College	Modified Nature-Inspired Salp Swarm Computational Key Generation for Online Biometric Telemedicine Portals	O	EGO07
8	96403453	Koushick Mathur	University Institute of Technology, The University of Burdwan	Smart phone camera based haemoglobin and Pulse rate measurement	O	EGO08
9	79319071	KRISHNAN BANDYOPADHYAY	NIT DURGAPUR	Investigation of lattice parameter and Stacking fault energy of various metallic alloy nanoparticles using Atomistic Approach.	O	EGO09

10	94196835	Mainak Biswas	MAKAUT	Hilbert Huang Transformation Based Breast Cancer Localization	O	EGO10
11	47368419	Mallika Datta	Government College of Engineering and Textile Technology, Serampore	A Simple Empirical Model of Jute Reinforced Composite Based Micro Perforated Panel for Acoustical Applications	O	EGO11
12	32863806	MD AREF BILLAHA	Asansol Engineering College	Performance Study of Asymmetric QWIP Based on AlGaAs/GaAs/InGaAs Structure	O	EGO12
13	46662464	MILI GHOSH	VISVA-BHARATI	Molecular QCA based non-radioactive $\gamma$ -ray source for design of a green energy compliant low power food irradiation system	O	EGO13
14	32635820	NILADRI HALDER	University Institute of Technology	Segmentation of Blood Vessels in Retinal Fundus Images using Image Morphology	O	EGO14
15	31962681	ROSHNI SIDDIQUE	UNIVERSITY INSTITUTE OF TECHNOLOGY	A new study on the transmission factor of pockels cell by exponential biasing signal in case of amplitude modulation.	O	EGO15
16	22437476	Saurav Kar	Heritage Institute of Technology, affiliated under MAKAUT, West Bengal	Studies on Utilization of Plastic Waste in Cement Concrete	O	EGO16
17	74584070	Sirshendu Sekhar Ghosh	MAKAUT	Web Latency Reduction In Distributed Clustered Clients' Network Using Hybrid Proxy Prefetch-Cache Technique	O	EGO17
18	46753837	Subhajit Mitra	IIT Kharagpur	Effect of Welding Speed on Residual Stress for Fixed Heat Input during Laser Welding	O	EGO18
19	80026873	SUKANYA MITRA	MAKAUT/ NSHM KNOWLEDGE CAMPUS, DURGAPUR-GOI	Online Intelligent System to Identify Faulty Bearings of Industrial Actuators	O	EGO19

20	11463591	SUMIT GUPTA	University Institute of Technology, The University of Burdwan	e-Spy: An Online Crime Reporting System based on Cryptography and Blockchain Technology to establish User Anonymity	O	EGO20
21	94527927	Sutapa Joti	Indian Institute of Engineering, Science and Technology, Shibpur	The Seismic Retrofitting Policy of the Historic Buddhist Monasteries in Sikkim, after the M 6.9 2011 Sikkim Earthquake	O	EGO21
22	57320763	SWARUP MUKHERJEE	DURGAPUR STEEL PLANT	Risk Management in Supply Chain using Similarity measures under Intuitionistic Fuzzy Environment	O	EGO22
23	34182775	Ajoy Ghosal	MCKV Institute of Engineering	The Automated Water Level Controller With Zero Maintenance Probes	P	EGP01
24	35797741	Anchal Rani Barnowal	Asansol Engineering College	Design and Implementation of Fire Fighter Robot	P	EGP02
25	35130994	ANIMESH HALDER	THE UNIVERSITY OF BURDWAN	A FORMAL MODELING USING Z NOTATION : A CASE STUDY	P	EGP03
26	38654690	ARJUN GHOSH	NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR	An Empirical Study on Hyperparameter Tuning of Neural Network Model	P	EGP04
27	48629805	ARKEYA PAL	University Institute of Technology	Obstacle Avoiding Stick for the Blind	P	EGP05
28	67263387	Arnab Datta	The University of Burdwan	A Study on Discrepancies Among Software Tools for RNA Base Pair Detection	P	EGP06
29	91242731	DIPNARAYAN DAS	University Institute of Technology, The University of Burdwan	AquaMan: An Intelligent & Eco-friendly Device for Water Usage Monitoring and Conservation	P	EGP07
30	64216353	Harshvardhan Nandkumar Tanksale	National Institute of Technology, Durgapur	An insight into membrane synthesis for azo dye separation	P	EGP08
31	61738803	Jeet Banerjee	Adamas University	A UWB MIMO Antenna Exploring a Novel Fractal Neutralization Line (FNL) for Isolation Enhancement and Fractal Slot for Band Rejection Attributes	P	EGP09

32	60136355	JOYEETA BOSE	NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR	Incorporation of Functionalized Silicon Carbide Nanoparticle into the Membrane matrix to improve the Inevitable Property of Two Different Polymer	<b>P</b>	EGP10
33	89617553	Karunamoy Maji	Institute of Science & Technology, Chandrakona Town	Developing a Machine Learning Based Algorithm for Recruitment	<b>P</b>	EGP11
34	35757537	KOUSTAV DUTTA	Purulia Government Engineering College	Artificial Groundwater Recharge in West Bengal: Its Methods and Prospect	<b>P</b>	EGP12
35	21014325	Nidhi Kumari Verma	The University of Burdwan	A Machine Learning Model for Prediction of Dengue Prone Area using Secondary Data	<b>P</b>	EGP13
36	92050573	Niraj Rana	NIT Durgapur	A Novel Interleaved Tri-state Buck-Boost Converter with Fast Transient Response and Lower Ripple Suitable for PV Applications	<b>P</b>	EGP14
37	98088323	Paromita De	NIT Durgapur	A new study on the Changes observed in the Band-gap of an unperturbed 2D GaAs Photonic crystal with the variation of crystal parameters	<b>P</b>	EGP15
38	23926978	Ramananda Gupta	The University of Burdwan	A Software Tool for Bio-Molecular Structure Analysis	<b>P</b>	EGP16
39	58868710	Saurav Kumar	University Institute of Technology, The University of Burdwan	RoboBeta: An IoT-based Humanoid Robot to assist the Elderly People	<b>P</b>	EGP17
40	72335608	SHAMBHUNATH DUTTA	NIT DURGAPUR	Application of Multilevel inverter in Renewable energy technologies	<b>P</b>	EGP18
41	13849438	Shreya Ghosh	The University of Burdwan	A Hidden Markov Model Based Future Weather Forecast and Analysis	<b>P</b>	EGP19
42	18895585	Shreya Ghosh	Asansol engineering college	Automatic water level monitoring system using PLC and SCADA	<b>P</b>	EGP20

43	36713831	SHUBHANGI APARAJITA	NIT DURGAPUR	IMPROVING MULTICAST TRAFFIC ADMISSIBILITY IN ELASTIC OPTICAL NETWORK	<b>P</b>	EGP21
44	30641414	SOMNATH MAHATO	THE UNIVERSITY OF BURDWAN	Use of India's own navigation system (NavIC) for Social Needs	<b>P</b>	EGP22
45	91020070	SOURABH KUNDU	National Institute of Technology Durgapur	Improvement of Power Quality in Different Electrical Engineering Applications using CHB Inverter	<b>P</b>	EGP23
46	61339077	Subham Dutta	Heritage Institute of Technology	Design Optimization of Industrial Shed Using Tubular Sections	<b>P</b>	EGP24
47	49129178	Subhrangshu Adhikary	Dr. B.C. Roy Engineering College	Detection of Gait Abnormalities by Analysing Motion Signatures Produced While Walking with the Help of Wearable Sensors Through Machine Learning	<b>P</b>	EGP25
48	88297326	Sucharita Sinha	MUC WOMENS COLLEGE	Music Therapy at Online Stress Management Interactive Portal	<b>P</b>	EGP26
49	54986347	Suchira Halder	MUC Womens College	An Art of Diffused Encryption Technique on Binary Nucleotides Sequences	<b>P</b>	EGP27
50	51850333	SWATI ADHIKARI	THE UNIVERSITY OF BURDWAN	A Computational Geometry Based Approach for Characterization of Metal Binding Sites on Protein's Structure	<b>P</b>	EGP28
51	51290834	Uzma Ahmad	Asansol Engineering College	An Unbounded Surveillance Robot for Security Purpose	<b>P</b>	EGP29

Discipline: Environmental Science

SI No.	ID	Name of presenter	University / College	Title of the Paper	Mode of presentation (Oral (O)/ Poster (P))	Abstract number
1	13186639	ANKITA MUKHERJEE	NATIONAL INSTITUTE OF TECHNOLOGY (NIT) DURGAPUR	An Ecofriendly Plastic waste to Product Recovery applying Pyrolysis technology	O	ENO01
2	55705777	ARUP SAHA	CSIR-CMERI	Development of green technology for successful removal of arsenic and iron from groundwater	O	ENO02
3	78473748	Biswajit Ruj	CSIR Central Mechanical Engineering Research Institute	Fuel from Plasticwaste An Approach towards Safe Disposal of Plasticwaste and Fuel Recovery	O	ENO03
4	32564437	CHITTARANJAN DAS	KAZI NAZRUL UNIVERSITY	Nutrient retranslocation of deciduous tree species in a sub-tropical forest, West Bengal	O	ENO04
5	14416462	Debjani Dutta	The University of Burdwan	Rising Trend of Air Pollutants and their Impact on Atmospheric Warming in Bengal Gangetic Plain	O	ENO05
6	86631830	Kamonasish Mistry	Calcutta University	Ambient Particulate Matter and Global Burden of Disease	O	ENO06
7	14073699	Mallika Chowdhury	Visva-Bharati	Indoor Air Pollution Associated with Solid Biomass Fuel Use in Rural Kitchen	O	ENO07
8	98888719	MEHEDI HASAN MANDAL	Krishnagar Govt. College	Habitat Association and Avifaunal Diversity in and around Purbasthali Wetland, West Bengal, India	O	ENO08
9	56561053	NABA KUMAR MONDAL	Burdwan University	Efficacy of fish scales (Catla catla) powder towards decontamination of toxic industrial dye (congo red)	O	ENO09



10	83761803	Palas Samanta	Sukanta Mahavidyalaya	Histopathological Manifestations of Sub-chronic Toxicity of Almix and Excel Mera 71 Herbicides in Brain (Optic Tectum) of	O	ENO10
11	12708257	Piyali Pakhira	Rabindra Mahavidyalaya	Life Table Based Triple E Management of Scirpophaga incertulas (Walker)	O	ENO11
12	74701150	Rashmi Ranjan Sahoo	CSIR-Central Mechanical Engineering Research Institute	Technological Advancement for Effective Remediation of Nitrate Treatment and Removal from Contaminated Groundwater	O	ENO12
13	52181804	RITUPARNA SARKAR	Chandernagore College	Histopathological alterations in the colonic region of albino rat, Rattus norvegicus (Berkenhout, 1769) due to Metanil Yellow toxicity	O	ENO13
14	14420649	Sambhunath Roy	Raja N.L.Khan Womens College (Autonomous)	Long term assessment of forest covers change and deforestation in Jhargram District, West Bengal	O	ENO14
15	57464288	Saurabh Kumar Basak	Jadavpur University	The Performance Evaluation of Arsenic and Iron Removal Plants of North 24 Parganas District, West Bengal	O	ENO15
16	90127623	SK SAMIM FERDOWS	b.u.	Sustainable Development through Industrialisation: A case study	O	ENO16
17	76750848	SOUREN DUTTA	BURDWAN UNIVERSITY	Population dynamics based ecological management of rice green leafhopper, Chilo polychrysus (Meyrick)	O	ENO17
18	42001673	SUBHADIP MUKHOPADHYAY	CALCUTTA UNIVERSITY	Climatic Change and its Impact on the Food Chain of Fishing Cats (Prionailurus viverrinus) of Howrah District (WB).	O	ENO18
19	21622468	Sucharita Samanta	National Institute of Technology Durgapur	Synthesis of LDPE film through dispersion of Rice boiled water derived starch towards enhancement of its biodegradability	O	ENO19
20	53226927	Suraj Ghosh	Visva-Bharati	Respiratory Health Assessment and Comparative Study of Pulmonary Functions Test in Non-Smoker and Smoker Using Spirometry	O	ENO20

21	20666816	TANMAY DHAR	Uttaranchal University	Dynamic modeling for Mountain Weather Forecasting in the Himalaya	O	ENO21
22	81754039	Tuhin Ghosh	Durgapur Government College	Application and Synthesis of 'living' poly (2-dimethylaminoethyl methacrylate) by solvent free ATRP in ambient temperature and stimuli responsive /multifunctional block copolymers	O	ENO22
23	86062106	AMIT KUMAR DEY	THE UNIVERSITY OF BURDWAN	Study on Fish Culture Potentiality in Abandoned Opencast Coal Pit (OCP) at Raniganj Coal Field (RCF) Areas	P	ENP01
24	38773875	Antima Mitra	University of Kalyani	Cytotoxic and Genotoxic effect of Cadmium in <i>Allium cepa</i> ; a Chromosomal Aberration Assay	P	ENP02
25	47254605	ANUPAM MONDAL	THE UNIVERSITY OF BURDWAN	A single step sunlight assisted nanoparticle synthesis from bile juices and its potent application: Animal waste to animal savior	P	ENP03
26	39667521	Anupriya Biswas	Kazi Nazrul University	Assessment of phytoclimatic conditions through life forms and biological spectrum analyses in Rupganj forest, Durgapur, West Bengal	P	ENP04
27	78731634	ARGHADIP MONDAL	Burdwan University	<i>Digitaria sanguinalis</i> mediated silver nanoparticles and its efficacy as mosquito larvicidal and impacts on aquatic body: A mesocosm study	P	ENP05
28	87733845	ARGHYA MANDAL	The University of Burdwan	Ultramicroscopic (SEM) alterations of skin, barbel and eye of spawn of an air-breathing teleost ( <i>Clarias batrachus</i> , Linn. 1758) induced by UV-B radiation	P	ENP06
29	22600680	Ashutosh Kabiraj	The University of of Burdwan	Basic Characterization Of Arsenic Tolerance Bacteria Isolated From Purbasthali, Purba Bardhaman	P	ENP07
30	80589345	Atanu Patra	The university of Burdwan	Effects of cadmium and subsequent recovery by choline, a growth promoter on teleostean fish, <i>Oreochromis niloticus</i> (L.)	P	ENP08

31	49952187	BHASKAR BISHAYEE	NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR	Removal efficiency of fluoride from groundwater using low-cost adsorbent	P	ENP09
32	22703606	Chandan Bauri	University Institute of Technology, The University of Burdwan	The Salvager: A Digital Solution to the Environment Degradation Problem	P	ENP10
33	73068338	Debojyoti Mishra	The University of Burdwan	Statistical appraisal of arsenic and iron in groundwater enrichment in areas of Murshidabad, West Bengal, India	P	ENP11
34	44618291	Diptanshu Saha	University of Burdwan	Life table and Population Dynamics based Ecological Management of Rice Black Bug, <i>Scotinophara coarctata</i>	P	ENP12
35	61325261	Iesita Roy	Durgapur Govt. college	ESTIMATION OF CARBON STORAGE POTENTIAL OF DOMINANT SPECIES IN PARDAHA NATURAL FOREST, DURGAPUR FOREST DIVISION, WEST BENGAL	P	ENP13
36	57420249	KAMALESH SEN	Burdwan University	Kinetics, thermodynamics, isotherms study of glyphosate adsorption by silver loaded activated carbon: CCD design	P	ENP14
37	30192791	NILUFAR KARIM	Burdwan University	Synthesis of Copper nanoparticles from waste electric wire and check the toxicity of copper nanoparticles with two varieties of rice ( <i>Oryza sativa</i> L.) with reference to	P	ENP15
38	47203169	PRETAM KUMAR MONDAL	CSIR-CMERI	Efficient Techniques for the Treatment of arsenic sludge generated from arsenic removal plants	P	ENP16
39	13913039	Pritha Misra	University of Burdwan	GLOBAL WARMING- A major problem	P	ENP17
40	99351153	Priyanka Debnath	The University of Burdwan	Photocatalytic degradation of the antibiotic amoxicillin trihydrate (AMT) using biofabricated ZnO nanoparticles: kinetics and thermodynamics study	P	ENP18

41	14598382	Rajendra Kr Roy	The University of Burdwan	Eco-friendly Synthesis of Extremophilic Bacillus Derived Capsular Polymer Stabilized Copper Oxide Nanoparticles to Effectively Control Pathogenic Pseudomonas aeruginosa	P	ENP19
42	45927277	RISHYA PRAVA CHATTERJEE	CSIR-CMERI	Development of novel eco-friendly domestic filter for iron removal from groundwater	P	ENP20
43	91395989	RITUPARNA BANERJEE	THE UNIVERSITY OF BURDWAN	Effect of the Factors and its Interactions on the Leaf Litter Decomposition Rate of Some Indigenous Tree Species	P	ENP21
44	35408373	ROHIT KUMAR SINGH	NIT DURGAPUR	CNT's production from spent pyrolytic gases obtained during waste plastic pyrolysis	P	ENP22
45	58541072	saikat chatterjee	BURDWAN UNIVERSITY	WATER CONSERVATION IN WEST BENGAL, ISSUES; IDEAS	P	ENP23
46	80969545	Saikat Santra	University of Burdwan	Life table based Ecological management of Nephrotettix nigropictus Stal	P	ENP24
47	39906643	SAURODEEP CHATTERJEE	JADAVPUR UNIVERSITY	Magnetic Susceptibility as proxies to Fly-ash contamination in and around Kolaghat Thermal Power Station (KTPS), West Bengal	P	ENP25
48	24940290	SHRABANA SARKAR	THE UNIVERSITY OF BURDWAN	Effect of aerobic bacteria on breakage of complex chemistry of azo dye	P	ENP26
49	49439698	SK AFTABUL ALAM	THE UNIVERSITY OF BURDWAN	Isolation and Characterization of a Nitro aromatic compound degrading bacterial strain isolated from a water body of Burdwan: A preliminary report	P	ENP27
50	17002198	SOHINI GANGOPADHYAY	THE UNIVERSITY OF BURDWAN	Role of nitrogen utilization on rice (Oryza sativa) plant growth with reference to system of rice intensification and conventional practices	P	ENP28

51	72505908	Sombuddha Roy Bhowmick	St. Xaviers College (Autonomous), Kolkata	Biodiversity assessment of bird species as bio indicators and the impact of air pollution on the ecological community.	<b>P</b>	ENP29
52	30265852	SUBHAS DAS	The University of Burdwan	Effect of choline chloride on fish yield by assessing biochemical and haematological responses on Indian Major Carps in a semi- intensive pond culture system	<b>P</b>	ENP30
53	67354033	Sukhendu Dey	THE UNIVERSITY OF BURDWAN	Dose-specific Biochemical and Erythrocytic Alterations on Blood of Anabas testudineus (Bloch) under Naphthalene Exposure in Laboratory Condition	<b>P</b>	ENP31
54	24240228	SUNANDA BATABYAL	THE UNIVERSITY OF BURDWAN	A Conceptual Model on Phenology and Productivity of Rice (Oryza sativa L) Under Different Environmental Conditions	<b>P</b>	ENP32
55	92977752	SUTAPA BAURI	VIDYASAGAR UNIVERSITY	Degradation mechanism of chlorsulfuron and metsulfuron- methyl by microbial catechol 2, 3- dioxygenase – an in silico approach	<b>P</b>	ENP33
56	50947551	Tarasankar Adhikari	Rabindra Mahavidyalaya	Population Dynamics and Ecological Management of Rice Brown Planthopper, Nilaparvata lugens (Stal)	<b>P</b>	ENP34

Discipline: Mathematics

SI No.	ID	Name of presenter	University / College	Title of the Paper	Mode of presentation (Oral (O)/ Poster (P))	Abstract number
1	90412764	AMALESH KUMAR MANNA	The University of Burdwan	A supply chain model for seasonal product with upstream partial prepayment and downstream delayed payment	O	MAO01
2	17587779	ANINDYA MANDAL	TEHATTA SADANANDA MAHAVIDYALAYA	An imperfect economic production quantity model with selling price sensitive demand under credit policy	O	MAO02
3	93473595	AVISHEK CHAKRABORTY	NARULA INSTITUTE OF TECHNOLOGY	Classification of Triangular Bipolar Neutrosophic Numbers, De-Bipolarization Skills and Applied in MCDM Problem	O	MAO03
4	37901630	Ayan Pal	IIT Kanpur	Inference in multiple step stress model with a cure fraction	O	MAO04
5	16604564	Chandan Kumar Mondal	Netaji Subhas Open University	NON-EXISTENCE OF RIEMANNIAN METRIC SATISFYING YAMABE SOLITON	O	MAO05
6	74242859	Debashis Dey	Sudpur High School	Extension of Quasi Metric Space with an approach to fixed point results	O	MAO06
7	92668629	Debnath Goswami	Karcha Jr High School	Dijkstra's Algorithm for Shortest Path Problem under Hesitant Fuzzy Environment using Hesitant Fuzzy Geometric Bonferroni Means	O	MAO07
8	19406121	Gautam Mitra	University of Burdwan	Vedic Mathematics as A Tool for Fast Computations	O	MAO08
9	44704060	Hiranmoy Mondal	MAKAUT	Spectral Quasilinearization methods for Powell-Eyring nanofluid flow over a stretching surface with variable properties	O	MAO09
10	98350924	Kartick Mondal	PRMS Mahavidyalaya	A mathematical modelling of carbon dioxide emission from different sources in India using some statistical tools.	O	MAO10
11	64485407	MANORANJAN DEGHURIA	BANKURA CHIRSTIAN COLLEGE	DETERMINATION OF SIGN OF MULPLICATION AND DIVISION IN PRACTICAL WAY	O	MAO11

12	58557051	PRAMIT REJ	SARAT CENTENARY COLLEGE	POSITRON IMPACT EXCITATIONS OF HYDROGEN ATOM UNDER NO N-IDEAL CLASSICAL PLASMAS	O	MAO12
13	21616124	Prasenjit Mondal	Government General Degree College	Completely Mixed Strategies for Switching Controller Stochastic Games with Undiscounted Payoffs Using Generalized	O	MAO13
14	86003232	RITABRATA BISWAS	THE UNIVERSITY OF BURDWAN	Lower Limit of Shear Viscosity to Entropy Density Ratio : String Theoretic Predictions Versus Dark Energy Accretion Results	O	MAO14
15	71968829	Ruma Roy Chowdhury	Maulana Abul Kalam Azad University of Technology	An Optimal Inventory Replenishment Model Under Three-Parameter Weibull Deterioration, Trapezoidal Demand And	O	MAO15
16	71616766	Samik Khan	Durgapur Institute of Advanced Technology and Management	Spectral quasilinearization methods for couple stress nanofluid flow in MHD flow with Joule heating and thermal radiation	O	MAO16
17	61736466	Sathi Mukherjee	Gobinda Prasad Mahavidyalaya	Quantifying Risks in Supply Chain Management by Multi-Criteria Decision making methods under Hesitant Fuzzy Environment	O	MAO17
18	48982758	Sayani Adak	Ramsaday College	Type-2 Fuzzy Inference system to assess Dengue	O	MAO18
19	45231722	Sewli Chatterjee	Burdwan University	Spectral quasi-linearization methods for power-law fluid model	O	MAO19
20	23110930	SK SAMIM FERDOWS	MUCWomenscollege	Environmental Cost of Industrialisation An assessment study In Durgapur Region	O	MAO20
21	82712740	Subhas Khajanchi	Presidency University	Modeling the dynamics of spatiotemporal pattern formation of malignant gliomas and immune system interaction	O	MAO21
22	35578505	Sudipta Dutta	Govt. General Degree College at Manbazar II	A <sup>n</sup> -Statistical Approximation Of Continuous Functions By Sequence Of Convolution Operators	O	MAO22
23	37965410	Sudipta Sinha	Burdwan Raj College	Mathematics Around Us	O	MAO23

24	88204696	Abdul Alamin	Maulana Abul Kalam Azad University of Technology, West Bengal	Solution and Stability Analysis of Discrete Logistic Equation with Allee Effect In Fuzzy Environment	P	MAP01
25	74849250	AKASHDIP KARMAKAR	THE UNIVERSITY OF BURDWAN	Scattering of charged particles in quantum plasmas	P	MAP02
26	46367260	AMIT SARKAR	THE UNIVERSITY OF BURDWAN	Optimal pricing decisions of a dual-channel green supply chain under retailer promotional effort	P	MAP03
27	51117757	ANIMESH ROY	VISVA-BHARATI UNIVERSITY	A Discrete Model for Cloud Computing	P	MAP04
28	88257327	BISWAJIT DAS	University of Burdwan	Stability of H- in non-ideal classical plasmas	P	MAP05
29	44608504	GOUTAM MANDAL	THE UNIVERSITY OF BURDWAN	Studies of a two warehouse EOQ model for deteriorating item under advance payment policy	P	MAP06
30	68061286	Kamalika Das	The University of Burdwan	Solution of the Schrodinger equation for the hydrogen atom embedded in non-ideal classical plasmas	P	MAP07
31	32888245	MANOJIT DAS	Burdwan University	Constraining Chevallier-Polarski-Lindler Parametrization with Different tools	P	MAP08
32	78580032	Md Sadikur Rahman	The University of Burdwan	Extended Karush Kuhn Tucker conditions for non-linear optimization problem with Interval valued objective function	P	MAP09
33	99914949	Nirmal Kumar	The University of Burdwan	A new QPSO based soft computing technique for constrained optimization problems and applications	P	MAP10



34	42152900	Nirvik Masanta	The University of Burdwan	S-wave resonances below the $P_s(n=2)$ threshold in positronic sodium embedded in plasmas	P	MAP11
35	59519158	Pinaki Ranjan Ghosh	University of Burdwan	Curves on a smooth surface with position vectors lie in the tangent plane	P	MAP12
36	34420274	Pradip Mandal	The University of Burdwan	Ricci Solitons on Submanifolds of Kenmotsu Manifolds	P	MAP13
37	37624946	PROMILA BISWAS	THE UNIVERSITY OF BURDWAN	A New Parametrization of Dark Energy : Sudden Increase at the Near Vicinity of Present Time	P	MAP14
38	91626358	Rajan Mondal	The University of Burdwan	Interval inventory model for ameliorating item with Weibull distributed amelioration and deterioration via different variant of Quantum behaved Particle Swarm	P	MAP15
39	25409558	SANDIP DUTTA	The University of Burdwan	Viscous Dark Energy Flow Towards Black Holes Causing Strengthening of Wind and Weakening of Accretion: Drop of Density	P	MAP16
40	95811819	Santu Ghosh	The University of Burdwan	Linear Programming Problem: An Approach for Cost-Effective Transportation	P	MAP17
41	97664610	SYAMANTAK HALDAR	UNIVERSITY OF BURDWAN	EYRING-POWELL FLUID FLOW PAST A POWER LAW STRETCHING POROUS SHEET	P	MAP18
42	65979176	Yadab Chandra Mandal	The University of Burdwan	Torse Forming Vector Fields and Its Applications to Yamabe Solitons	P	MAP19

## Discipline: Medial Science

SI No.	ID	Name of presenter	University / College	Title of the Paper	Mode of presentation (Oral (O)/ Poster (P))	Abstract number
1	95984840	Adrija Tripathy	Vidyasagar University	Reversible or irreversible nature of revival efficacy of lycopene at the potent dose for cyproterone acetate-induced testicular hypofunction management: a duration dependent withdrawal study	O	MSO01
2	46760373	ANUBHAB LAHA	CHANDERNAGORE COLLEGE	An in-silico Study on the Structural and Functional Similarities of Different Allergens	O	MSO02
3	99794907	Arpan Kumar Maiti	University of North Bengal	Exogenous Vasoactive Intestinal Peptide Reverses Colon Mitochondrial Dysfunction by Scavenging Superoxide and Hydroxyl Radicals and Maintains Colon Mucosal Lining in Experimental Colitis Models: Implications in Ulcerative Colitis	O	MSO03
4	78479258	ASIT KUMAR CHAKRABORTY	Oriental Institute of Science and Technology	Heterogeneous Phyto-antibiotics are Best Drug against Superbugs: Purification of Phyto-Chemicals and Identification of Targets as RNA Polymerase and DNA Topoisomerase	O	MSO04
5	72017928	Chittabrata Mal	Amity University Kolkata	Transcriptomic Analysis of HCC for Identification of Novel Biomarkers	O	MSO05
6	29702200	DHARMAJIT PATTANAYAK	BENGAL SCHOOL OF TECHNOLOGY	Formulation and evaluation of floating and mucoadhesive tablets containing oral hypoglycemic agent	O	MSO06

7	14034027	Dibya Pal	Vidyasagar University	Fast food: a curse for young generation	O	MSO07
8	29299961	Dipankar Saha	The University of Burdwan	Validity of the modifier Gene Loci Obtain in Human Disease Ontology database in Thalassemia Major and Intermedia patients with Same HBB Genotype	O	MSO08
9	45720280	Farhin Ara	Vidyasagar University	Possible corrective effects of n-butanol fraction of Musa balbisiana flower in streptozotocin induced diabetic rat: A dose dependent study	O	MSO09
10	52292613	Ishita Saha	Medical College and Hospital, Kolkata	Endometriosis and Apoptosis	O	MSO10
11	43230885	JAYITA MANDAL	HOOGHLY MOHSIN COLLEGE	The Vitality Of Nature In Combating The Stress Induced Pathophysiological Conditions Affecting Human Health.	O	MSO11
12	95622606	KALYAN DAS	SSKM Hospital, IPGME&R, Kolkata	Prospect of Utilizing Homologous Platelet Concentrates as an Alternative Source of Growth Factors in the Field of Regenerative Medicine.	O	MSO12
13	34402337	MANGAL CHANDRA BISWAS	UNIVERSITY OF CALCUTTA	Sulphur nanoparticle-based drug development against endemic Candidiasis	O	MSO13
14	38373117	Priya Das	Bankura Christian College	Drug-Resistance Problem in Tuberculosis	O	MSO14

15	45933672	Priyanka Choudhury	Indian Institute of Technology Kharagpur	Differentiating COPD associated pulmonary hypertension from COPD at a metabolic level: a proton NMR based study	O	MSO15
16	70947341	Raju Biswas	The University of Burdwan	Study of Evolution in Three Important Antibiotic Binding Proteins Topoisomerase-IV, DD-transpeptidase and Aminoglycoside Nucleotidyltransferase of Pseudomonas	O	MSO16
17	31586611	Ritam Chatterjee	Indian Institute of Technology Kharagpur	Elucidation of the Association of Oxidative Stress, EMT and the Pathophysiological Alterations of Buccal Mucosa during Sub-mucous Fibrosis and Squamous Cell Carcinoma	O	MSO17
18	34966886	SALIM AHMAD	JOYGRAM J N HIGH SCHOOL	Telecare Mental E Treatment Symmetric Key Guided Online Secured Transmission of Homoeopathic E prescription	O	MSO18
19	57011471	Sangita Saha	WBUHS	Efficacy Of Individualized Homoeopathic Medicines In Treatment Of Atopic Dermatitis In Adults: A Double-Blind, Randomized, Placebo Controlled Trial	O	MSO19
20	56195604	Sanjukta Dasgupta	Indian Institute of Technology Kharagpur	Proton NMR metabolic profiling of exhaled breath condensates to understand the pathogenesis of hypersensitivity pneumonitis	O	MSO20
21	87720160	SAUMYA DAS	BENGAL SCHOOL OF TECHNOLOGY	Enhancement of drug solubility using co-crystal approach to obtain improved bioavailability	O	MSO21
22	53448601	Subrata Ganguli	Tarulatha(NGO)	A Possible Correlation of African Diet and Lifestyles with Diabetes Mellitus and Its Potential Use in Therapeutic Management	O	MSO22
23	42434249	Abhishek Tiwari	The University Of Burdwan	Cytotoxic Effect of Lead in Swiss Albino Rat	P	MSP01
24	44827709	ANIKET POREL	BURDWAN UNIVERSITY	Bioinformatical Analysis of TXNIP, A Therapeutic Drug Target	P	MSP02

25	18120443	ANOUSHKA CHAKRABORTY	TECHNO INDIA UNIVERSITY,KOLKATA,WEST BENGAL	ANTIBIOGRAM STUDY OF CLINICAL STAPHYLOCOCCUS AUREUS STRAINS WITH RESPECT TO METHICILLIN RESISTANCE (MRSA) & METHICILLIN SENSITIVE STAPHYLOCOCCUS AUREUS (MSSA) BY	P	MSP03
26	41896362	Arindam Nandi	The University of Burdwan	Antibiotic Resistance; Problem and Its Probable Strategies	P	MSP04
27	72467861	ASISH DHARA	UNIVERSITY OF BURDWAN	URBANIZATION AND THE CHANGING PATTERN OF DISEASES: A SYSTEMATIC REVIEW	P	MSP05
28	91688021	Avishek Mondal	Vidyasagar University	Nutraceutical antioxidants: Blessing as a stress reliever	P	MSP06
29	31491591	Debashis pal	The university of Burdwan	Whole Exome Sequence Based study to justify the Severe Anemic Condition in E- Beta Thalassemia patient	P	MSP07
30	34427339	Dhritishree Ghosh	The University of Burdwan	Study of Quorum quenching enzymes from halophilic bacteria for controlling biofilm forming human pathogens	P	MSP08
31	60470259	DIPANJANA GHOSH	The University of Burdwan	Application of RNA interference in the treatment of Thyroid cancer	P	MSP09
32	20347876	MADHUPA SETH	THE UNIVERSITY OF BURDWAN	Isolation and identification of TMA (trimethylamine) degrading halophilic non pathogenic microbial strain(s).	P	MSP10
33	15282309	Manichandra Das	Bengal School of Technology under MAKAUT,WB.	Formulation and Characterization of In-Situ-Gels for improved Ocular Drug Delivery: A Novel Approach	P	MSP11

34	68662084	Manshi Kaushik	The University Of Burdwan	Effect of Argentum nitricum in Eukaryotic System	P	MSP12
35	16560395	Moubonny Das	The University of Burdwan	Isolation and characterization of probiotic microorganisms from fermented beverage consumed by a tribal community in West Bengal	P	MSP13
36	65471024	Nilanjana Roy	Vidyasagar University	SEQUENCE AND STRUCTURE BASE CORRELATIVE EVOLUTIONARY ANALYSIS OF FUNGAL CHITINASE-AN IN-SILICO APPROACH	P	MSP14
37	46501814	PAULAMI SARKAR	WBUHS	Effectiveness Of Magnesium Phosphoricum 6x In Comparison With Individualized Homoeopathic Treatment Of Primary Dysmenorrhoea: An Open Randomized Pragmatic Equivalence Trial	P	MSP15
38	91290738	Payal Pal	The University Of Burdwan	PHENOTYPIC AND BIOCHEMICAL DETECTION OF METALLO BETA LACTAMASE FROM CLINICAL ISOLATES OF Klebsiella sp.	P	MSP16
39	62935976	Pinaki Biswas	The University of Burdwan	Role of EhAK6, an aurora kinase homolog with a unique C-terminal endonuclease V domain in Entamoeba histolytica	P	MSP17
40	41284478	Pranay Karmakar	Hooghly Mohsin College	Nutritional value & pharmacological property of turmeric: A review	P	MSP18
41	74530081	RIMPA SIKDER	University of Calcutta	A Natural triterpene Peroxolentanol, from the mushroom Lentinus squarrosulus trigger Apoptosis in Human Hepatocellular Carcinoma cells	P	MSP19
42	87845973	SOUMYAJIT MANDAL	BURDWAN INSTITUTE OF MEDICAL & LIFE SCIENCES	Role of Dynamic Taping in Tennis Elbow Patients	P	MSP20
43	51432000	SUBHAJIT MANDAL	BURDWAN INSTITUTE OF MEDICAL & LIFE SCIENCES	EFFECTIVENESS OF MULLIGAN MOBILIZATION (SNAGS) IN THE PATIENTS WITH MECHANICAL NECK PAIN	P	MSP21

44	32270173	Suchetana Pal	The University of Burdwan	In silico analysis and molecular characterization of an APC homolog from human pathogen <i>Entamoeba histolytica</i>	P	MSP22
45	90195997	Suvojit Nandy	Hooghly Mohsin College	PHARMACOLOGICAL USES OF NYCTANTHES ARBORTRISTIS (Oleaceae): A REVIEW	P	MSP23
46	26086166	Tanusri Roy	The University of Burdwan	Mapping Malaria in Colonial Bengal using FOSS4G	P	MSP24

Displine: Physics

SI No.	ID	Name of presenter	University / College	Title of the Paper	Mode of presentation (Oral (O)/ Poster (P))	Abstract number
1	15446673	Abhishek Chowdhury	Burdwan Raj College	A REVIEW ON TOPOLOGICAL OBSERVABLES ON LATTICE GAUGE THEORY	O	PHO01
2	97649088	ANENDU HALDAR	NABAGRAM HIRALAL PAUL COLLEGE	Thermodynamics of Asymptotically AdS (Anti-de Sitter) BHs: A Hamiltonian Approach	O	PHO02
3	95534966	ANIMESH LAYEK	B. N. Mahavidyalaya	Bandgap engineered CdO nanomaterial for its light sensing switching behavior within sandwich configuration: ITO/CdO/Al	O	PHO03
4	15193942	Arup Dhara	Burdwan Raj College	Microstructure-assisted photocatalytic performance of NiAl <sub>2</sub> O <sub>4</sub> /Al <sub>2</sub> O <sub>3</sub> nanocomposite under visible light	O	PHO04
5	13632826	AYAN MUKHERJEE	Ram Ratan Singh College, Patliputra University	Supercapacitive Study of CBD synthesized NiO Thin Film: Influence of Deposition Time	O	PHO05
6	99293906	Baishali Sarkar	M.U.C. Womens College, Burdwan	A new proposal of two qubit quantum optical Hadamard gate using polarization encoding technique	O	PHO06
7	65697424	DIPALI GHOSH	Michael Madhusudan Memorial College, Durgapur	Ionization in Positronium - Sodium atom system	O	PHO07
8	86474014	Hema Dutta	Vivekananda Mahavidyalaya	Enhanced Photocatalysis Performance of Mechano-Synthesized V <sub>2</sub> O <sub>5</sub> -TiO <sub>2</sub> Nanocomposite	O	PHO08



9	68972782	KAJAL MAJI	BB COLLEGE ASANSOL	Alternative method of implementation of NAND gate using Reflective Semiconductor Optical Amplifiers (RSOA)	O	PHO09
10	18834377	KOUSIK MUKHERJEE	GOVT. GENERAL DEGREE COLLEGE GOPIBALLAVPUR II	CONTROLLED OPTICAL BISTABILITY IN COUPLED MICRO-CAVITIES	O	PHO10
11	40967413	Pintu Bhattacharya	Sidho Kanho Birsha University	A Model Based Approach for Investigating The performance parameter at clover level	O	PHO11
12	66134602	Pradipta Panchadhyayee	Prabhat Kumar College, Contai	Nontoxic Mosquito-repellant Solar LED Lamp	O	PHO12
13	66161264	Rajib Kumar Mandal	A.K.P.C Mahavidyalaya	Photocatalytic studies of Bi <sub>2</sub> O <sub>3</sub> -WO <sub>3</sub> nanocomposites under visible light for the wastewater treatment	O	PHO13
14	99096227	RINKU BAG	Saldiha College	Theoretical Model of Differential Rotation in Brown Dwarfs Varying with Radial Distance and Latitude	O	PHO14
15	32572239	Sabyasachi Pal	Midnapore City College	Survey of Galactic and Extra-galactic Transient Radio Sources	O	PHO15
16	23703680	Saibal Mitra	Bandipur High School (H.S.)	A new proposal for implementing all-optical XOR logic operation using amplitude squeezed light	O	PHO16
17	35309507	Saikat Dalui12/07/1981	Sonamukhi College	SnO <sub>2</sub> nanoparticles for Photo-catalytic Treatment of Industrial Waste Waters and Polluted Air	O	PHO17
18	33339933	Soumendra Nath Ruz	Ramananda Centenary College	Euclidean wormholes with minimally coupled scalar fields	O	PHO18
19	16762939	SOUMYA KANTI ROY	VISVA-BHARATI UNIVERSITY	Trajectories in BTZ spacetime.	O	PHO19
20	65455389	Subhas Chandra Tudu	Visva-Bharati	Green Synthesis and Characterization of ZnS Nanoparticle using Azadirachta Indica Leaf Extract	O	PHO20

21	38446682	Subhendu Biswas	UNIVERSITY INSTITUTE OF TECHNOLOGY, B.U	All-Optical Quadrature phase encoded 1:4 MUX using MZI SOA	<b>O</b>	PHO21
22	18919013	SUBHENDU SAHA	BEJOY NARAYAN MAHAVIDYALAYA	Implementation of all Optical Frequency Encoded Toffoli Gate with MZI-SOA	<b>O</b>	PHO22
23	48921781	UJJWAL KUMAR BHASKAR	SREEGOPAL BANERJEE COLLEGE	One Step One Pot Mechano-synthesis and Microstructure Characterization of Ti <sub>0.8</sub> B <sub>0.1</sub> C <sub>0.1</sub> N and TiN: A Comparative Study.	<b>O</b>	PHO23
24	27981219	Agnijita Chatterjee	University of Burdwan	A Nonlinear Method of Using Kerr Medium for Generation of Higher Frequency Shift of a Light Using Parabolic Shaped Intensity Pattern	<b>P</b>	PHP01
25	41682852	AJIT MAHATA	NIT Sikkim	Application of EMD for image super-resolution	<b>P</b>	PHP02
26	15085974	ANINDITA BANERJEE	THE UNIVERSITY OF BURDWAN	Synthesis and Measurement of Ionic Transport Phenomena of BBCF	<b>P</b>	PHP03
27	12049209	Ankhi Samui	University	Modeling of pyramidal shaped composite gamma-ray detectors	<b>P</b>	PHP04
28	79450918	ARIJIT MANNA	MIDNAPORE CITY COLLEGE	Millimeter-wavelength study of Galactic micro-quasar SS 433 using Atacama Large Millimeter Array (ALMA)	<b>P</b>	PHP05
29	49415529	Arindam Jana	Midnapore City College, Vidyasagar University	Broadband Evolution from New X-ray Transient MAXI J1348-630	<b>P</b>	PHP06
30	32725254	ARUNODAY SARKAR	THE UNIVERSITY OF BURDWAN	k-space analysis of cosmological perturbations in the early universe	<b>P</b>	PHP07

31	40261545	BITHIKA MANDAL	UNIVERSITY OF BURDWAN	Effect of Neodymium Doping on Structural and Electrical Transport Properties of Nanocrystalline Zn <sub>0.5</sub> Mn <sub>0.5</sub> Co <sub>2</sub> O <sub>4</sub>	P	PHP08
32	91629604	CHITRAK SARKAR	THE UNIVERSITY OF BURDWAN	Attractors in Cosmological Inflation with a Quantum Corrected Inflaton Potential	P	PHP09
33	30870022	Debashri Saha	The University Of Burdwan	Use of Multipassing Technique for Increasing the Transmission Co-Efficient Of a Kdp Based Electro-Optic Modulator	P	PHP10
34	20348252	Debasish Saha	Midnapore City College	Multi-wavelength observation during outburst from newly detected blackhole candidate MAXI J1631-479	P	PHP11
35	44005195	Digantika Bose	Memri V.M.Institution (unit 2)	DUST COLLECTING ATTACHMENT FOR DRILL MACHINE	P	PHP12
36	73566246	JAYASHREE KARMAKAR	NIT Durgapur	Image denoising using EMD	P	PHP13
37	25905027	MAHASWETA CHATTERJEE	The University of Burdwan	Electrochemical property of Co <sub>3</sub> O <sub>4</sub> with different electrolytes for supercapacitor application	P	PHP14
38	84378650	MANOJ MANDAL	MIDNAPORE CITY COLLEGE, VIDYASAGAR UNIVERSITY	Pulse Evolution of the First Galactic Ultra-luminous X-ray Pulsar Swift J0243.6+6124	P	PHP15
39	21522736	Minakshi Mandal	The University of Burdwan	Implementation of Phase encoded Optical tree by electro-optic Pockels Cell	P	PHP16
40	46441118	Moumita Mondal	University of Burdwan	Mechanosynthesis of Y <sub>2</sub> O <sub>3</sub> /Bi <sub>2</sub> O <sub>3</sub> /CeO <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> quaternary nanocomposite for visible – light photocatalytic hydrogen evolution	P	PHP17

41	34862242	MOUPIYA GHOSH	THE UNIVERSITY OF BURDWAN	Enhanced antibacterial activity of mechano-synthesized TiO <sub>2</sub> -Ag nanocomposites	<b>P</b>	PHP18
42	13510960	Netai Bhukta	SKBU	Study of double-double radio galaxy at low frequency	<b>P</b>	PHP19
43	54217923	Sanchita Das	Visva-Bharati	Gravitational Collapse of White Dwarf Stars in Strong Quantizing Magnetic Field- A ThomasFermi Approach	<b>P</b>	PHP20
44	54385042	Shobha Kumari	Midnapore City College, Vidyasagar University	Discovery of Hybrid Morphology Radio Sources	<b>P</b>	PHP21
45	60260788	SHRABANI PAUL	The University of Burdwan	Effect of sintering on thermal transport properties of mechano-synthesized thermoelectric Bi <sub>2</sub> Te <sub>3</sub> phase	<b>P</b>	PHP22
46	93221364	SK IRSAD ALI	The University of Burdwan	Synthesis and Characterization of Lead Oxide Nanoparticles and Defect Studies through Positron Annihilation Spectroscopy	<b>P</b>	PHP23
47	38634228	Souravi Halder	Midnapore City College, Vidyasagar University	Recent Outburst from High Mass X-ray Binary Pulsar 4U 1901+03	<b>P</b>	PHP24
48	93790789	Subhradeep Patra	Midnapore City College	Search for Galactic Pulsar Candidates using TIFR GMRT SKY Survey	<b>P</b>	PHP25

49	15884051	Sumana Mukherjee	The university of Burdwan	An alternative method of multi-passing technique in electro-optic pockels cell towards more of increase of transmission factor	<b>P</b>	PHP26
50	60783603	SUMITMUKHERJEE	Sidho-Kanho-Birsha University	Structural and optical properties of Zn1-xAlxO and Zn1-xAgxO nanoparticles near the Al and Ag solubility limit	<b>P</b>	PHP27
51	61013039	Suranjan Lakshan	The university of Burdwan	A new method of conduction of optical phase algebra by use of Pockels and Kerr materials in series.	<b>P</b>	PHP28
52	57161875	TANMAY MONDAL	THE UNIVERSITY OF BURDWAN	Multi-passing technique for developing an interferometer with DRI/PMMA side chain type of KERR nonlinear material	<b>P</b>	PHP29

**Discipline: Physiology**

SI No.	ID	Name of presenter	University / College	Title of the Paper	Mode of presentation (Oral (O)/ Poster (P))	Abstract number
1	72100909	Arnab Banerjee	Serampore College	Progress in genetic engineering: a system reconstruction model	<b>O</b>	PGO01
2	10201384	BHAKTI LAHA	TDB College	DETECTION OF APICAL MEMBRANE ANTIGEN – LIKE PROTEIN IN LEISHMANIA DONOVANI, A FACILITATOR IN SUCCESSFUL PARASITISM	<b>O</b>	PGO02
3	50283440	DEBASMITA DAS	SERAMPORE COLLEGE, AFFILIATED TO UNIVERSITY OF CALCUTTA	REACTIVE OXYGEN SPECIES GENERATION IN SPLEENOCYTES CAN DISTURB THE IMMUNE SYSTEM BY FLAVOUR ENHANCING HIGH LIPID DIET	<b>O</b>	PGO03
4	76649949	Dipanwita Mitra	Vidyasagar University	Antidiabetic and antioxidative efficacy of the constituents present in fraction solvents of curcuma amada rhizomes: An experimental study on diabetic rat model	<b>O</b>	PGO04
5	79388691	Gautam Mitra	University of Burdwan	Nursery Rhymes as A Physiological Development Tool for Kids	<b>O</b>	PGO05
6	90853752	Goutam Dutta	Prabhat Kumar College, Contai	The role of glutamate and acetylcholine receptors of Medial Septum on heart rate and pentobarbital sleeping time in rats	<b>O</b>	PGO06
7	87812350	Kalyan Banerjee	T.D.B College	A STUDY OF WORK RELATED MUSCULOSKELETAL DISORDERS ON POTTERS OF PASCHIM BARDHAMAN	<b>O</b>	PGO07
8	53973458	NIRMAL PRADHAN	HOOGLY MHOSIN COLLEGE	A STUDY TO EVALUATE HEPATO AND UTERO PROTECTIVE ROLE OF VITAMIN E IN ETHANOL FED OVARIECTOMIZED RAT	<b>O</b>	PGO08

9	44099133	Prabal Ghosh	Vidyasagar University	Antifertility activity of seed of Terminalia chebula in Wistar strain albino rat: An apoptotic, flowcytometric and genomic approach	O	PGO09
10	32047317	Prithviraj Karak	Bankura Christian College	Possibilities of developing novel potent antitumor agents from the leaves of <i>Cryptomaria japonica</i>	O	PGO10
11	91353760	PUJA ROY	University of calcutta	Thermo-inflammatory Nrf2- NfkB redox imbalance and its modulation by Resveratrol in testicular tissue	O	PGO11
12	51319596	RAJARSHI PAUL	Serampore College	Cytotoxic activity of <i>Annona muricata</i> on human liver cancer cells: an in vitro approach	O	PGO12
13	88614194	Sandipan Roy	Serampore College	Cadmium induced oxidative stress and hepatocellular injury: possible amelioration by vitamin B12 and folic acid	O	PGO13
14	66126157	SOUMYA SUNDAR KUMAR	University of Calcutta	Tender Coconut Water Protects Against Acute Whole Body Heat Stress Induced Testicular and Epididymal Oxidative Damage and Pro inflammatory Response in Male Rats	O	PGO14
15	83926827	SUBHASISH GHOSAL	CU	Keshardam is an Indian medicinal herb – a novel antispermatogenic agent	O	PGO15
16	13747381	TANUSHREE TULSIAN SAMANTA	RAJA NAREDRALAL KHAN WOMENS COLLEGE(AUTONOMOUS)	Effect of metal and pesticide contamination on the gut microbes of <i>Perionyx excavatus</i> - potential for	O	PGO16
17	48531575	Tasneem Khandekar	Hooghly Mohsin College	Amelioration of hyperglycemia by supplementation of aqueous extract of <i>Jussiaea repens</i> L. ( Keshardam) in STZ induced diabetic rats	O	PGO17

18	89062013	ABHINABA GUPTA	HOOGLY MOHSIN COLLEGE	Pathophysiological Conditions of Acne and Role of Ethnomedical and Ethnopharmacological Plants for healing	<b>P</b>	PGP01
19	62891156	ANANYA KAR	Bankura Christian College	VITILIGO PATHOGENESIS AND EMERGING TREATMENTS: A REVIEW	<b>P</b>	PGP02
20	15699033	ANINDYA MODAK	Bankura Christian College	CURCUMIN: A REVIEW OF ITS POTENTIAL ANTICANCER PROPERTIES AND MECHANISM OF ACTION	<b>P</b>	PGP03
21	29994948	Ankita koley	Hooghly mohsin college	Therapeutic use of classical music in case of some diseases	<b>P</b>	PGP04
22	63000972	ANUSHREE KARMAKAR	ABS Academy	ECG signal denoising using EMD	<b>P</b>	PGP05
23	75370831	AVIJIT MAITY	VIDYASAGAR UNIVERSITY	Infertility.....A Threat To Asthmatic Women	<b>P</b>	PGP06
24	21988110	Baidyanath saren	Jhargram Raj College	Hexen.....The Adulterate of oil cause health problems	<b>P</b>	PGP07
25	50080006	LOPAMUDRA MONDAL	HOOGLY MOHSIN COLLEGE	HYGIENIC EFFECTS OF FAST FOODS CONSUMPTION & BENEFICIAL ACTION OF MSG FOR ITS IMPACT OF HUMAN HEALTH EFFECTS	<b>P</b>	PGP08
26	20902594	Mousumi Rakshit	Hooghly Mohsin College	Contraception for Women with Diabetes	<b>P</b>	PGP09



27	27182335	Payel Pramanik	Bankura Christian College	"Vanishing Twin" Syndrome - A Myth or Clinical Reality	<b>P</b>	PGP10
28	86099237	SHREYASI SIKDAR	HOOGHLY MOHSIN COLLEGE	FENUGREEK AS ANTI-DIABETIC HERB	<b>P</b>	PGP11
29	43693839	Sourav Santra	Vidyasagar University	In Silico Revelation of Genomic Diversity of Aeromonas	<b>P</b>	PGP12
30	16772280	Swagata Nath	Bankura Christian College	Managing diabetes with anti-diabetic foods and spices	<b>P</b>	PGP13

**Discipline: Social Science and IPR and Others**

<b>SI No.</b>	<b>ID</b>	<b>Name of presenter</b>	<b>University / College</b>	<b>Title of the Paper</b>	<b>Mode of presentation (Oral (O)/ Poster (P))</b>	<b>Abstract number</b>
1	86131883	BASUDEB ROY CHAUDHURY	Bijoy Krishna Girls College	A comparative study of personality & scientific attitude among Higher Secondary students of Burdwan Town	<b>O</b>	SIO01
2	19361001	BISWAJIT GANAI	The University of Delhi	Ground Reality Check of two Geographical Indications labelled Heritage Sweet Dishes of Bardhaman, West Bengal	<b>O</b>	SIO02
3	53550324	Gautam Mitra	University of Burdwan	DISCRETE PROBABILITY DISTRIBUTIONS OF FINANCIAL TIME SERIES IN NASDAQ	<b>O</b>	SIO03
4	52177763	KAMAL CHANDRA BARMAN	MUC Womens College	Religious Exclusion: Rethinking the Place of Self Religion	<b>O</b>	SIO04
5	17443705	Koushik Dutta	T.D.B. College, Kazi Nazrul University	BURNING AMAZONIA: INSIDE OUT	<b>O</b>	SIO05
6	11158556	KOYEL PAL CHOWDHURY	UNIVERSITY OF CALCUTTA	COMPARATIVE STUDY OF HEALTH, NUTRITION & PSYCHOLOGICAL CONDITIONS BETWEEN SEXUALLY VICTIMIZED GIRLS AND NORMAL ADOLESCENT GIRLS – A SOCIAL REPORT	<b>O</b>	SIO06
7	17238735	Koyel Sam	The University of Burdwan	Forest villager's perception and adaptation attitude to climate change in Himalayan foothills	<b>O</b>	SIO07
8	68547260	Md Wasim Akram	University of Calcutta	School Internship in 2-Yr B.Ed. Programme	<b>O</b>	SIO08
9	19180702	Moumita Dutta	Vidyasagar University	Changes in school going girls attitude and Educational Performance in Rural and Urban sector of Bankura District: Impact of	<b>O</b>	SIO09
10	46921088	Niharika Sahoo Bhattacharya	IIT kharagpur	3D Printing in Pharmaceuticals: Intellectual Property and Regulatory Challenges	<b>O</b>	SIO10
11	66064933	Prakriti Ranjan Sarkar	Aliah University	Creating 'Smart Content' For Improved Interactivity	<b>O</b>	SIO11

12	31479636	RABIUL HOQUE MOLLA	THE UNIVERSITY OF BURDWAN	Prevalence of Stunting, Wasting and Underweight among the Children Under Five Years of Age: A SDGs 2030 Perspective Study in Md. Bazar C.D. Block, Birbhum District West Bengal, India	O	SIO12
13	13964834	RAHUL MALLICK	GOUR BANGA UNIVERSITY	Impact of Socioeconomic Condition and Health Care Facilities on Nutritional and Health Outcomes of Under-Five Child Health in West Bengal: A District Level	O	SIO13
14	78088610	Rajesh Das	UNIVERSITY OF BURDWAN	Impact of Health Behavioural Model and Reasoned Action for an Integrated Health Literacy Programme in Rural Bengal	O	SIO14
15	63302738	Sri Sujit Samanta	Calcutta	Different Dimensions of School Inspection in Bengal with reference to Vidyasagar : An Analytical Study	O	SIO15
16	23079347	Subinita Paul	University of Kalyani	Confronting cyber crime and its contemporary eco system: A view from mediascape	O	SIO16
17	34374443	Sujata Bhowmick Ganguly	Vidyasagar University	Family planning status in tribal community: A cross sectional study in Puruliya district of Jangalmahal region	O	SIO17
18	90979740	Susmita Sengupta	Rabindra Mahavidyalaya	Poverty Portrayal in Rural India: Its Dimensions and Decomposition	O	SIO18
19	36228483	Swarna Latha Kokatam	IIT Kharagpur	Biodegradation of Microplastics Analysis of Patenting Trends	O	SIO19
20	12123818	Alloy Das	University Institute of Technology, The University of Burdwan	Social Saviour: Building a Digital Bridge between the Donor and the Donee	P	SIP01
21	87722571	Arindam Roy	The University of Burdwan	People-Wetland Association: An Assessment of Ecosystem Services of Purbasthali Oxbow Lake, West Bengal	P	SIP02
22	52556553	ARITRA BASAK	THE UNIVERSITY OF BURDWAN	Access to Safe Drinking Water, Sanitation Facilities and its relation with Waterborne Diseases in Burdwan Municipality, West Bengal	P	SIP03

23	99807171	Arpita Sarkar	The University of Burdwan	SOCIO-ECONOMIC CONDITIONS OF WOMEN IN THE RABHA SOCIETY OF WEST BENGAL, INDIA: PAST AND PRESENT	P	SIP04
24	41650567	AYANIKA SARKAR	The University of Burdwan	Educational Aspiration: A Spatial Explanation on Expectations versus Reality with Respect to Study Habits of Students in Saltora C.D. Block, Bankura District, West Bengal	P	SIP05
25	31990993	Benoy Krishna Hazra	The University of Burdwan	Transparency and responsibility about Organ Donation through Mass Media Campaigns: A Study of Burdwan District in West Bengal	P	SIP06
26	34657748	Buddhadev Hembram	Burdwan University	Changes in Livelihood Pattern of Slum-Dwellers after Rehabilitation Measures in Ganesh Vadi Area, Mumbai	P	SIP07
27	27769421	KOYEL SARKAR	THE UNIVERSITY OF BURDWAN	Spaces of Emotion and Nostalgia for the Built-Up Nature and Architecture of Burdwan Raj Dynasty	P	SIP08
28	15340174	Krishna Pada Sahoo	The University of Burdwan	Health Status of the Slum Dwelling Children of Chandannagar, West Bengal Using Body Mass Index	P	SIP09
29	65502346	Md Abu Taleb	Burdwan University	Inclusive Pedagogy in Digital Age	P	SIP10
30	52941900	Mukesh Singh	The University of Burdwan	Cultural Changes of Immigrant Communities in Asansol, West Bengal	P	SIP11
31	15318607	Nabanita Mukherjee	The University of Burdwan	Gendered Vulnerability of Climate Change: Experiences of the Women in the Sundarbans	P	SIP12
32	64007028	Nilojyoti Koner	The University of Burdwan	Ensuring agricultural sustainability through organic farming: a case study of organic cluster in Burdwan district of West Bengal, India	P	SIP13
33	84089202	POMPA MONDAL	BANSDRONI HIGH SCHOOL	MAPPING AND ANALYZING LULC CHANGES USING RS AND GIS IN RAJPUR-SONARPUR MUNICIPAL AREA, S.24 BARGANAS, WEST BENGAL, INDIA	P	SIP14

34	56993822	RAKHI MONDAL	THE UNIVERSITY OF BURDWAN	MINING-INDUCED SOCIAL DISARTICULATION: A CASE STUDY ON CULTURAL AND RELIGIOUS PRACTICES OF TRIBAL PEOPLE IN SONEPUR-BAZARI OPEN	P	SIP15
35	68635335	SEKH BARKOT ALI	BURDWAN UNIVERSITY	NON VERBAL SYMBOLIC COMMUNICATION, GESTURE AS A SOCIAL FACT	P	SIP16
36	59898405	Shilpa Saha	The University of Burdwan	Classification of Domestic Water Purifiers in India	P	SIP17
37	15733144	Sudeshna Khaddar	The University of Burdwan	Science Education in Schools	P	SIP18
38	88309985	Suparna Pal	The University of Burdwan	The Spirit of Consumerism and Changes in Socio-Cultural Space: A Comparative Analysis of Rural and Urban Areas in West Bengal	P	SIP19
39	36200945	swatilekha sen	The University of Burdwan	The Place of Nature within the Minds of Urbanites and the related Cognitive Space	P	SIP20
40	13965987	TANUSHREE CHAKRABARTI	Chandernagore Governmet College, THE UNIVERSITY OF BURDWAN	Problem and Prospects of Urban Agriculture in Some Wards of Chandernagore Municipal Corporation.	P	SIP21
41	45758518	TAPAN PRAMANICK	The University of Burdwan	Socio-economic Status of Tuberculosis Patients in Malda District, West Bengal	P	SIP22
42	28017788	Trinankur Bhattacharjee	University of Burdwan	MEDICAL TOURISM IN KOLKATA: A CASE STUDY OF PATIENTS FROM BANGLADESH	P	SIP23

Displine: Zoology

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1	44518972	ABHINANDAN REJ	BURDWAN UNIVERSITY	ADOPTIVE TRANSFER OF IL15 ACTIVATED DENDRITIC CELL COMBINED WITH LY2157299 ERADICATES MURINE LYMPHOMA	O	ZOO01
2	25433643	ABHISEK BASU	BEHALA COLLEGE	Stock structure analysis of an indigenous ornamental fish Puntius sophore in relation to morphometrics	O	ZOO02
3	24602500	Ankita Dey	Serampore College	SEASONAL VARIATIONS IN THE PREVALENCE, ABUNDANCE AND INTENSITY OF ACANTHOCEPHALANS INFECTING CHANNA PUNCTATUS (BLOCH, 1793) IN HOOGHLY DISTRICT, WEST BENGAL	O	ZOO03
4	39386952	Ardhendu Das Mahapatra	Egra SSB College	Factors influencing A Least concern species to be Extinct: Case study on Indian Flap-shell Turtle (Lissemys punctata)	O	ZOO04
5	23009152	Arnab Chatterjee	The University of Burdwan	Oxidative stress biomarkers in Tubifex tubifex exposed to insecticide lambda cyhalothrin	O	ZOO05
6	18977989	Avishek Patra	Bankura Christian college	ROAD KILLING, A MAJOR THREAT TO WILD ANIMALS	O	ZOO06
7	25935241	Bindarika Mukherjee	The University of Burdwan	FIRST RECORD OF THE GENUS Conochironomus FREEMAN AND INTEGRATIVE TAXONOMY OF Conochironomus tobaterdecimus (KIKUCHI & SASA) (DIPTERA: CHIRONOMIDAE)	O	ZOO07
8	65154137	Madhurima Seal	The University of Burdwan	Diversity and Characterization of Bacterial Flora Isolated from the Breeding Habitat of Anopheline Fauna Along with their Role in Mosquito Ovipositional Response	O	ZOO08

9	78980066	Moitreyee Chakrabarty	Kazi Nazrul University	Analysis of activity patterns of <i>Turdoides striata</i> during nesting and first breeding season in the semi-urban landscape of Durgapur, Paschim Bardhaman	O	ZOO09
10	79373264	Paromita Roy	The University of Burdwan	Characterization of six phosphate solubilizing bacteria isolated from rhizospheric soil of the paddy plants of Purba Bardhaman district, West Bengal, India	O	ZOO10
11	28004580	Rabin Mandi	University of Kalyani	Population dynamics of <i>Plutella xylostella</i> in New Alluvial zone of West Bengal: the relative contributions of climate, natural enemies and host plant	O	ZOO11
12	40970723	RAJIB MAJUMDER	VIVEKANANDA MAHAVIDYALAYA	Acute and sub-lethal effects of deltamethrin on histopathology and growth in common carp ( <i>Cyprinus carpio</i> L.)	O	ZOO12
13	17290664	SAMUDRA PAL	University of Calcutta	IMPACT OF GENETIC POLYMORPHISMS IN FOLATE METABOLIC REGULATORS IN INFERTILE MEN OF WEST BENGAL: AN OVERVIEW	O	ZOO13
14	18568172	SANJAY DEY	University of Kalyani	Waste pollution and its effect on human health	O	ZOO14
15	36307500	SARMISTHA ADHIKARI	The University of Burdwan	THE TWO FACES OF APLASTIC ANAEMIA: ADDRESSING HETEROGENEITY OF A RARE HAEMATOLOGICAL DISORDER	O	ZOO15
16	74537231	Souvik Biswas	University of Kalyani	A Short Survey on Abundances of Fish Food Organisms in East Kolkata Wetland.	O	ZOO16
17	82664904	Sucharita Ghosh	The University of Burdwan	Phenotypic and Molecular Characterization of Plant Growth Promoting <i>Bacillus subtilis</i> Isolated from Vermicompost	O	ZOO17
18	51291720	SUMANA DUTTA	THE UNIVERSITY OF BURDWAN	Aqueous extract from <i>Manilkara hexandra</i> leaves reduced serum glucose level in <i>Labo rohita</i> fingerlings	O	ZOO18

19	16904022	Tapajit Bhattacharya	Durgapur Government College	Estimating Abundance Indices of Mountain Ungulates in Intricate Eastern Himalayan Landscape: Lessons Learnt from Khangchendzonga Biosphere Reserve, Sikkim	O	ZOO19
20	12107387	UPASANA BHATTACHARYYA	THE UNIVERSITY OF BURDWAN	Study Of The Apoptosis Pattern In The Different Lineage Of Cells Cultured From PBMC Of $\beta$ Thalassemia Patients And Its Comparison With Normal Subjects	O	ZOO20
21	98624763	Abhigyan Choudhury	Kazi Nazrul University	in silico analyses of the evolution and form-function relationship of the principal inflammation inducing factors of the	P	ZOP01
22	84255388	ANINDITA GOSWAMI	BURDDWAN UNIVERSITY	The Influence of IL1RN VNTR Polymorphism on Cervical Cancer Susceptibility among Some Tribal	P	ZOP02
23	31310669	Aritra Mitra	Vivekananda Mahavidyalaya	Ichthyofaunal diversity of Dwarakeswar river, West Bengal	P	ZOP03
24	40235799	Bhaskar Nandi	Indian Institute of Engineering Science and Technology, Shibpur	Study of bivalves from Marina beach, Chennai, Tamil Nadu.	P	ZOP04
25	35917454	Debayan Gayen	Durgapur Government College	HABITAT SPECIFIC OCCURRENCE AND SPATIAL DISTRIBUTION PATTERNS OF ANURANS FROM AN INDUSTRIAL AREA OF PASCHIM BARDHAMAN, WEST BENGAL, INDIA	P	ZOP05
26	18971894	LALIT MOHAN KUNDU	THE UNIVERSITY OF BURDWAN	G2/M arrest and apoptosis inducing activity of leaf aqueous extract of Clerodendrum viscosum Vent.	P	ZOP06
27	99827967	Megha Lahiri Ghosal	Techno India university	Anti-cancer epigenetic regulation of the NSAID: Etodolac, and its corresponding effects on Mpsin gene regulation in Ovarian Cancer Cells	P	ZOP07



28	95318275	Nibedita Mitra	The University of Burdwan	Characterization Of The Subset Of Different Lineage Cells Cultured For Erythroid Maturation Obtained From The	P	ZOP08
29	38634147	POULOMI GHOSH	THE UNIVERSITY OF BURDWAN	ANTIOXIDANT, ANTIBACTERIAL AND CYTOTOXIC ACTIVITIES OF LEAF EXTRACT FRACTIONS OF CALLISTEMON CITRINUS	P	ZOP09
30	43585756	Ritwick Bhattacharya	The University of Burdwan	Sodium Dodecyl Sulphate Induced Hematological and Biochemical Changes in Common Carp (Cyprinus carpio)	P	ZOP10
31	25172714	SHRISTI CHOURASIA	TRIVENIDEVI BHALOTIA COLLEGE	Gene Therapy Treatment For Melanoma	P	ZOP11
32	25005688	SOMAPIKA SEAL	KAZI NAZRUL UNIVERSITY	A Preliminary Checklist of Moths from Paschim Bardhaman District of West Bengal	P	ZOP12
33	77191214	SOUREN GOSWAMI	The University of Burdwan	Evaluation of antitumor potential of Crinum asiaticum L. (Amaryllidaceae) leaf extract	P	ZOP13
34	38800616	Souvik Bag	The University of Burdwan	A report on six sacred groves of Purba Bardhaman district, West Bengal, India	P	ZOP14
35	67094982	SOUVIK DHAR	SERAMPORE COLLEGE AFFILIATED TO UNIVERSITY OF CALCUTTA	"Survey On Amphistome Infestation In Cattles Of District Hooghly, West Bengal"	P	ZOP15