

Day I: November 09, 2019 (Saturday)	
08:00 – 09:00	Registration's Material Distribution(Venue: Department of Chemistry, Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)
09:00 – 11:00	Inaugural Session Venue: Shaheed Tajuddin Ahmad Senate Bhaban, RU
11:00 – 11:30	Tea/CoffeeBreak
11:30 – 14:00	Scientific Session I: Theme Lecture and Plenary Lectures Venue: Shaheed Tajuddin Ahmad Senate Bhaban, RU
14:00 – 15:00	Lunch, Prayer and Poster Presentation
15:00 – 17:00	Technical Session I: Five Parallel Sessions
	Session A: Analytical Chemistry (AC) Venue: Room No. 133, 1F, Dept. of App. Chem. & Chem. Eng. RU
	Session B: Polymers & Nanomaterials (PN) Venue: Room No. 106, 1F, Department of Chemistry, RU
	Session C: Inorganic Chemistry (IC) Venue: Room No. 222, 2F, Department of Chemistry, RU
	Session D: Natural Products (NP) Venue: Room No. 101, 1F, Department of Chemistry, RU
	SessionE: Physical Chemistry (PC) Venue: Room No. 244, 2F, Department of Chemistry, RU
17:00 – 20:00	Cultural Evening and Dinner
Day II: November 10, 2019 (Sunday)	
09:00 – 10:05	Scientific Session II: Plenary Lectures Venue: Shaheed Tajuddin Ahmad Senate Bhaban, RU
10:10 – 11:00	Technical Session II: Five Parallel Sessions
	Session A: Analytical Chemistry Venue: Room No. 133, 1F, Dept. of App. Chem. & Chem. Eng. RU
	Session B: Polymers and Nanomaterials Venue: Room No. 106, 1F, Department of Chemistry, RU
	Session C: Inorganic Chemistry Venue: Room No. 222, 2F, Department. of Chemistry, RU
	Session D: Natural Products Venue: Room No. 101, 1F, Department of Chemistry, RU
	SessionE: Organic Chemistry Venue: Room No. 244, 2F, Department of Chemistry, RU
11:00 – 11:15	Tea/CoffeeBreak
11:15 – 13:00	Technical Session III: Five Parallel Sessions
	Session A: Analytical Chemistry Venue: Room No. 133, 1F, Dept. of App. Chem. & Chem. Eng. RU
	Session B: Polymers and Nanomaterials Venue: Room No. 106, 1F, Department of Chemistry, RU
	Session C: Inorganic Chemistry Venue: Room No. 222, 2F, Department. of Chemistry, RU
	Session D: Natural Products Venue: Room No. 101, 1F, Department of Chemistry, RU
	SessionE: Organic Chemistry Venue: Room No. 244, 2F, Department of Chemistry, RU
13:00 – 14:00	Lunch and Prayer
14:00 – 15:00	Poster Award and Closing Ceremony Venue: Shaheed Sukharanjan Somadder Teacher-Student Cultural Centre, RU

Day I: November 09, 2019, Saturday**Inaugural Session: 09:00 – 11:00**

Venue: Shahid Tajuddin Ahmed Senate Bhaban, RU

Time	Speech	Name of Speaker
09:00–1100	Welcome Speech	Prof. Dr. M. Nazrul Islam Convener, Conference Organizing Committee
	BCS General Secretary	Prof. Dr. Md. Iqbal Rouf Mamun
	Patron	Prof. Dr. Choudhury C. M. Zakaria Pro-Vice Chancellor, Rajshahi University
	Patron	Prof. Dr. Ananda Kumar Shaha Pro-Vice Chancellor, Rajshahi University
	Chief Patron	Prof. Dr. Abdus Sobhan Vice Chancellor, Rajshahi University
	Special Guest	Prof. Dr. Choudhury C. M. Zakaria, Pro-Vice Chancellor, RU Prof. Dr. Ananda Kumar Shaha, Pro-Vice Chancellor, RU
	Chief Guest	Prof. Dr. Abdus Sobhan, Vice Chancellor, RU
	Chair	Mr. M. A. Karim, President, BCS
	Vote of Thanks	Prof. Dr. M. Shahed Zaman Secretary, Conference Organizing Committee

11:00–11:30 Tea/Coffee Break**Scientific Session I: Theme Lecture (TL) and Plenary Lectures (PL), 11:30 – 14:00**

Venue: Shaheed Tajuddin Ahmad Senate Bhaban, RU

Chair: Professor Dr. Md. Nazrul Islam, Department of Chemistry, RU

Co-chair: Mr. Md. Rajiour Rahman Mollick, Project Director, BCIC, Dhaka

Time	Code No.	Speaker	Title
11:30–12:10	TL	Prof. Yousuf Ali Mollah	Advances in Chemical Sciences: Impacts on Life and Environments
12:10–12:40	PL-01	Prof. Syamol Chakrabarti	Invisible College to Chemical Society: A Historical Journey
12:40–13:05	PL-02	Prof. Parames Chandra Sil	Multifunctional Nanoparticles for Stimuli Responsive and Targeted Drug Delivery
13:05–13:30	PL-03	Prof. Chittaranjan Sinha	Chromogenic Hydrazide Schiff Base Reagent: Spectrophotometric Determination of CN ⁻ Ion
13:30–13:55	PL-04	Prof. Md. Abdur Rashid	Control and Monitoring Chemical Reactions from A Single Molecule Approach to Self-Assembled Nanostructures

14:00–15:00 Lunch, Prayer and Poster Presentation**Technical Session I: Five Parallel Sessions, 15:00 – 17:00****Session A: Analytical Chemistry (Venue: Room No. 133, 1F, Dept. of App. Chem. & Chem. Eng., Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)**

Chair: Professor Dr. Basudev Kumar Das, Department of Chemistry, RU

Co-chair: Professor Dr. S. M. Monjurul Alam, Department of Chemistry, RU

Time	Code No.	Speaker	Title
15:00–15:15	AC-IL-01	M. Jamaluddin Ahmed	Sustainable Water Management in Developing Country: A Case Study of Bangladesh
15:15–15:30	AC-IL-02	Shamshad B. Quraishi	Development, Validation and Accreditation of An Analytical Method for The Quantification of Chemical Contaminants in Environmental, Biological and Food Samples

Day I: November 09, 2019, Saturday			
15:30–15:42	AC-OP-01	Mohammad Shoeb	Emerging Contaminants in Fish and Soil Samples
15:42–15:54	AC-OP-02	F. S. Tonni	Dietary Intake of Essential and Toxic Metals Through the Consumption of Rice and Possible Human Health Risk Implication in Bangladesh
15:54–16:06	AC-OP-03	Ayesha Afrin	A Simple, Highly Selective Spectrophotometric Method for the Simultaneous Determination of Arsenic (III) & Arsenic (V) at Nano-trace Levels in some Groundwater, Real, Environmental, Biological, Food and Soil Samples Using 2-Hydroxy-1-naphthaldehyde-orthoaminophenol
16:06–16:18	AC-OP-04	Saifa Abrarin	A Highly Sensitive, Simple Simultaneous Spectrophotometric Method for the Determination of Vanadium at Nano-trace Levels in Some Real, Environmental, Biological, Food and Soil Samples Using Salicylaldehyde-benzoylhydrazone
16:18–16:30	AC-OP-05	Rafiza Islam	Method Development and Validation for Analysis of Antibiotic Residues in Poultry Meat Samples by LC-MS/MS
16:30–16:42	AC-OP-06	Nusrat Jahan Tania	Community Structure of Meiobenthos and Heavy Metals Pollution in the Innetidal Area of Sandwip and Kuakata Sea Beach, Bangladesh
16:42–17:54	AC-OP-07	M. Monirul Islam	A Simple and Selective Spectrophotometric Method for the Determination of Uranium at Nano-trace Levels in Some Real, Environmental, Biological Food, Soil, and Oil Samples Using 2-hydroxynaphthaldehydebenzoylhydrazone
17:54–17:06	AC-OP-08	Nargis Pravin	Determination of Oxytetracycline, Tetracycline and Chlortetracycline residues in chicken Meat Samples by HPLC
Session B: Polymers and Nanomaterials (Venue: Room No. 106, 1F, Dept. of Chemistry, Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)			
Chair: Professor Dr. Faisul Islam Farouqui, Department of ACCE, RU			
Cochair: Professor Dr. C. M. Mustafa, Department of ACCE, RU			
Time	Code No.	Speaker	Title
15:00–15:12	PN-OP-01	Kaniz Marium	Towards High Tenacity Cellulose Fibers for Polyester Replacement
15:12–15:24	PN-OP-02	Md. Abdul Mannan	Nitrogen, Sulfur Co-doped Reduced Graphene Oxide: Synthesis and Characterization
15:24–15:36	PN-OP-03	Mehnaz Rashid	Synthesis of Conducting Polymer Modified Melamine Formaldehyde Resin Containing Ni Particles for Application in Supercapacitor
15:36–15:48	PN-OP-04	Mohammad K. Hossain	Electric Current Responsive Release of Biomolecules from Mesoporous Electromagnetic Composite Particles and Their Antibacterial Properties
15:48–16:00	PN-OP-05	Md. Asadul Islam	Enhancing the Electrochemical Performances of a Supercapacitor Using Cellulose–Silica Nanocomposite Membrane as a Separator
16:00–16:12	PN-OP-06	Joykrisna Saha	Influence of Degree of Deacetylation on Physical, Structural and Functional Properties of Chitosan
16:12–16:24	PN-OP-07	S. Saha	Green Synthesis of Naturally Available Stabilizer-Based Magnetite Nanoparticles and Their Bio-Medical Applications
16:24–16:36	PN-OP-08	Tahmina Akter	Preparation and Characterization of Carboxymethyl Chitosan based Ecofriendly Modifier for Cotton Fabric

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16:36–16:48	PN-OP-09	Sayed Halima Begum	Green Synthesis of Magnesium Oxide Nanocatalysts Using Leaf Extracts of Aloe Barbadensis and Their Applications
16:48–17:00	PN-OP-10	Firoz Ahmad	Thermal Stability of Water-Soluble Chitosan Derivatives and Their Effects on Cotton Fiber Finishing

Session C: Inorganic Chemistry (Venue: Room No. 222, 2F, Dept. of Chemistry, Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)

Chair: Professor Dr. Shariff Enamul Kabir, Department of Chemistry, JU

Co-chair: Professor Dr. Md. Belayet Hossain Howlader, Department of Chemistry, RU

Time	Code No.	Speaker	Title
15:00–15:25	IC-IL-01	Ranjan K. Mohapatra	Mixed Ligand Trivalent Transition Metal Chelates: Synthesis, Spectral Characterization, Molecular Computation, and Antimicrobial and Molecular Docking Study
15:25–15:37	IC-OP-01	A.A. Mahmud	Trimethoxy Aldehyde Derived Schiff's Base and Their Metal Complexes: Synthesis and Characterization
15:37–15:49	IC-OP-02	Kismat Ara Elachi	Spectral and Thermal Characterization on Bioactive Complexes of Mg(II), Zn(II), Sn(II), VO(II) and Bi(III) Ions Containing Schiff Base Ligand
15:49–16:01	IC-OP-03	M.S. Begum	Synthesis, Spectral Characterization, Photoluminescence Study and Biological Evaluation of Ni(II), Cu(II), Zn(II), Cd(II) and Pd(II) Complexes of a N,S Schiff Base Ligand
16:01–16:13	IC-OP-04	Md. Mahbub Alam	Reactivity of Unsaturated $[\text{Os}_3(\text{CO})_8\{\mu\text{-Ph}_2\text{PCH}_2\text{PPh}(\text{C}_6\text{H}_4)\}(\mu\text{-H})]$ with Activated Alkynes: Alkyne Scission and Carbon-Carbon Coupling of Coordinated Alkynes
16:13–16:25	IC-OP-05	Dipta Sarker	Copper (II) Complex of Salicylaldehyde Semicarbazone: Synthesis, Characterization and Antibacterial Activity
16:25–16:37	IC-OP-06	Shahed Rana	Synthesis of Axially Coordinated Metallo-Porphyrins of Pt(IV), Sn(IV), Au(III) and Their Selenocyanation Reaction on Arenes
16:37–16:49	IC-OP-07	Habib Md. Ahsan	Electrocatalytic Carbon Dioxide Reduction by Using Heterometallic Bismuth-Platinum Ionic Cage Complex
16:49–17:01	IC-OP-08	Taslina Akter	Synthesis, Characterization and Liquid Crystallinity of Some Aroylhydrazinatonickel(II) Complexes Having Polyether Moiety

Session D: Natural Products (Venue: Room No. 101, 1F, Dept. of Chemistry, Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)

Chair: Professor Dr. Nilufar Nahar, Department of Chemistry, DU

Co-chair: Professor Dr. Md. Iqbal Rouf Mamun, Department of Chemistry, DU

Time	Code No.	Speaker	Title
15:00–15:30	NP-IL-01	Dr. Peter Sundin	If Life is Chemistry, Is Chemistry Life?
15:30–15:45	NP-IL-02	Balaram Roy	Biochemical Composition of Jute Leaves and Product Development as Herbal Beverage
15:45–15:57	NP-OP-01	Mahjabin Sultana	Studies of Toxic Metals in Energy Stimulating Herbal Drugs Formulated in Bangladesh

Day I: November 09, 2019, Saturday

15:57–16:09	NP-OP-02	Shakhawat Hossain	Dose-Mortality and Repellent Activity of <i>Anisomeles Indica</i> (L.) Kuntze Leaf Extracts Against Three Major Stored Product Pests <i>Callosobruchus Chinensis</i> L., <i>Sitophilus Oryzae</i> L. and <i>Tribolium Castaneum</i> (Hbst.) Adults
16:09–16:21	NP-OP-03	Mst. Naznin Akhter	Evaluation of Antioxidant Capabilities of Methanolic Crude Extract and Its Individual Fractionates of <i>Mucuna Pruriens</i> Seeds Using <i>In Vitro</i> Assay Models
16:21–16:33	NP-OP-04	M.M. H. Tusher	Antihyperglycemic Effect of Grape Seeds Powder on nSTZ-Induced Type 2 Diabetic Model Rats
16:33–16:45	NP-OP-05	Nazmul Islam	Comparison of Toxic Metal Concentrations in Antidiabetic Herbal Preparations (ADHPs) Available in Bangladesh Using AAS and XRF Analytical Tools
16:45–16:57	NP-OP-06	Al Amin	Antibacterial and Antifungal Activity from Seed Oil of <i>Abroma Augsta</i> Linn. (Sterculiaceae)

Session E: Physical Chemistry (Venue: Room No. 244, 2F, Dept. of Chemistry, Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)

Chair: Professor Dr. Entazul M. Haque, Department of Chemistry, RU

Co-chair: Professor Dr. Md. Habibur Rahman, Department of Chemistry, RU

Time	Code No	Speaker	Title
15:00–15:12	PC-OP-01	Md. Waliullah	Electrodeposition of Polyaniline/Fe ₃ O ₄ Composite on Glassy Carbon Electrode as Supercapacitor Electrode Material
15:12–15:24	PC-OP-02	A.H.M. Nasimul Jamil	Effect of SDS on the Volumetric and Ultrasonic Properties of Dihydroxybenzene Isomers
15:24–15:36	PC-OP-03	Md. Asaduzzaman	An Exalted Study on Fe/O ₂ Electrochemical Cell: The System for Adsorption of CO ₂ from Atmosphere and Production of Ingredient for Dye Waste Management
15:36–15:48	PC-OP-04	Farzana Akter	Low Cost Pencil Carbon Electrode as an Environmental Sensor for Monitoring Catechol in Real Samples
15:48–16:00	PC-OP-05	Mohammad A. Hasnat	pH Dependent Kinetic Insights of Electrocatalytic Arsenite Oxidation Reactions at Pt Surface
16:00–16:12	PC-OP-06	M. A. Hafiz Mia	Electro-Oxidation of 1,2-Dihydroxy Benzene in the Presence of L-Asparagine at Different pH
16:12–16:24	PC-OP-07	Parbhej Ahamed	Tissue Assisted Preparation of Lithium Cobalt Oxide for Li-Ion Battery
16:24–16:36	PC-OP-08	M.M. Hasan	Synthesis of Gd _{2-x} Sn _x Ce ₂ O ₇ Electrolyte Material and Its Characterization Using XRD, TGA and SEM
16:36–16:48	PC-OP-09	Tahiratul Mahmuda	A Poly-Glycine Modified Glassy Carbon Electrode as Electrochemical Sensor for Monitoring Amoxicillin in Real Samples
16:48–17:00	PC-OP-10	Jahidul Islam	WO ₃ Nanoparticle Based Flexible Electrode Platform for pH Sensing Device
17:00–20:00	Cultural Evening & Dinner		

Day II: November 10, 2019, Sunday**Scientific Session II: Plenary Lectures (PL, 09:00 – 10:05)**

Venue: Shaheed Tajuddin Ahmad Senate Bhaban, RU

Chair: Professor Dr. Choudhury Md. Zakaria, Pro-Vice Chancellor, University of Rajshahi

Co-chair: Professor Dr. M. Shahed Zaman, Department of Chemistry, RU

Time	Code No.	Speaker	Title
09:00–09:25	PL-05	Dr. Toshikazu Kawaguchi	Application of Chemical Sensors for Global Food Resources
09:25–09:50	PL-06	Prof. Dr. Jae R. Hahn	Control and Monitoring Chemical Reactions from a Single Molecule Approach to Self-Assembled Nanostructures
09:50–10:05	PL-07	Altaf Hossain	Activities of an Emerging Scientific Network of Bangladesh

Technical Session II: Five Parallel Sessions, 10:10 – 11:00**Session A: Analytical Chemistry (Venue: Room No. 133, 1F, Dept. of App. Chem. & Chem. Eng. Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)**

Chair: Professor Benu Kumar Dey, Department of Chemistry, CU

Co-chair: Professor Dr. Md. Abdul Matin, Department of Chemistry, KUET

Time	Code No.	Speaker	Title
10:10–10:22	AC-OP-09	S. S. Choudhury	Accumulation of Trace Elements Through the Uptake of Selected Vegetables and Possible Human Health Risk Implications in Bangladesh
10:22–10:34	AC-OP-10	Md. Aminul Islam	Understanding Cobalt(II) Adsorption Mechanism onto Birnessite (Δ -MnO ₂) and Its Associated Minerals
10:34–10:46	AC-OP-11	M. Mozammel Hosen	Heavy Metal Pollution Monitoring in the Deep Sea Area of Bay of Bengal, Bangladesh
10:46–10:58	AC-OP-12	A. K. M. Atique Ullah	Trace Metals Contamination in Water, Sediment and Fish Species of Various Habitat Preferences and Ecotoxicological and Human Health Risk Assessment

Session B: Polymers and Nanomaterials (Venue: Room No. 106, 1F, Dept. of Chemistry, Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)

Chair: Professor Dr. Md. Nurul Absar, Department of Chemistry, JU

Co-chair: Professor Dr. Rezaul Karim Sheikh, Department of ACCE, RU

Time	Code No.	Speaker	Title
10:10–10:22	PN-OP-11	Swapan K. Ray	Microwave Digestion of Lignocellulosic Biomasses: Isolation of Soda Lignin and Examination of Properties
10:22–10:34	PN-OP-12	N. Rahman	Study on the Mechanical and Thermal Properties of Chitosan-PVA Blend Films Modified Using Methyl Methacrylate and Gamma Radiation
10:34–10:46	PN-OP-13	Muhammad Zamir Hossain	Size Controlled Facile Synthesis of Silver Nanoparticles and Their Antibacterial Response
10:46–10:58	PN-OP-14	Md. Saiful Islam	Synthesis, Characterization and Application of Amberlite XAD-4 Resin Functionalized with N-Salicylidene Anthranilic Acid for Preconcentration, Separation and Adsorption of Nickel(II) ion in Aqueous Solution

Day II: November 10, 2019, Sunday**Session C: Inorganic Chemistry (Venue: Room No. 222, 2F, Dept. of Chem., Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)**

Chair: Professor Dr. Tapashi Ghosh Roy, Department of Chemistry, CU

Cochair: Professor Dr. Md. Yeamin Reza, Department of Chemistry, RU

Time	Code No.	Speaker	Title
10:10–10:22	IC-OP-09	M. N. Abser	Metallomesogen Based on Aroylhydrazinatonicel(II) Complexes
10:22–10:34	IC-OP-10	Md. Emdad Hossain	Synthesis, Characterization and Liquid Crystallinity of N-(3-decyloxy) Benzylidene Derivatives of Aroylhydrazinatonicel(II) Complexes
10:34–10:46	IC-OP-11	Refat Jahan	Synthesis, Characterization and Antibacterial Activity of Manganese and Zinc Complexes of <i>N,N'</i> -Bis(salicylidene)ethylenediamine (NN'BSED)
10:46–10:58	IC-OP-12	Md. Tanvir Hossain Khan	Synthesis, Characterization and Antibacterial Activity of Cobalt and Nickel Complexes of <i>N</i> -Salicylidene-2-aminophenol

Session D: Natural Products (Venue: Room No. 101, 1F, Dept. of Chem., Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)

Chair: Professor Dr. M Umar Ali, Department of Chemistry, RU

Co-chair: Professor Dr. A. B. M. Hamidul Haque, Department of Chemistry, RU

Time	Code No.	Speaker	Title
10:10–10:30	NP-IL-03	Nilufar Nahar	Chemical Compounds Used in Food Production, Toxicity, and Consumer's Concern
10:30–10:45	NP-IL-04	Md. Mizanur Rhaman	Chemical and Biological Activity Studies of <i>Averrhoa bilimbi</i> L.
10:45–10:57	NP-OP-07	Md. Hafizur Rahman	Antidiabetic Activity Studies of Aqueous Extract of <i>Psidium guajava</i> L. Leaves on Streptozotocin Induced Type 2 Diabetic Model Rats

Session E: Organic Chemistry (Venue: Room No. 244, 2F, Dept. of Chem., Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)

Chair: Professor Dr. Md. Abdul Jalil Miah, Department of Chemistry, RU

Co-chair: Professor Dr. Harendra Nath Roy, Department of Chemistry, RU

Time	Code No.	Speaker	Title
10:10–10:22	OC-OP-01	Zannatul Ferdous Sonia	<i>p</i> -Toluenesulphonic Acid Catalyzed Multi-Component One-Pot Synthesis of Functionalized Piperidine Derivatives and Study of Their Antimicrobial Property
10:22–10:34	OC-OP-02	Mohammad Nasir Uddin	Microwave Assisted Synthesis of Some 2'-Hydroxy Chalcone Derivatives: Characterization, Molecular Docking and Pharmacokinetic and Biochemical Properties
10:34–10:46	OC-OP-03	Sumon Ganguli	Improving the Heat Resistance of Enzymes Using Low Molecular Weight Compounds
10:46–11:58	OC-OP-04	Ripon C. Bhowmic	Synthetic Approach to Prepare Some Monosaccharide Esters for Pharmaceutical Uses
11:00–11:15	Tea/Coffee Break		

Day II: November 10, 2019, Sunday**Technical Session III: Five Parallel Sessions, 11:15 – 13:00****Session A: Analytical Chemistry (Venue: Room No. 133, 1F, Dept. of App. Chem. & Chem. Eng. Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)**

Chair: Professor Dr. Md. Akhter Farooque, Department of Chemistry, RU

Co-chair: Professor Dr. Syed Shamsul Alam, Department of Chemistry, SUST

Time	Code No.	Speaker	Title
11:15–11:27	AC-OP-13	Debadutta Das	Highly Concentrated Coal-Water Slurry: Factors Affecting Its Formulation and Stability
11:27–11:39	AC-OP-14	Mahmudur Rahman	Analysis of Fatty Acid Composition in Chicken Fast Foods
11:39–11:51	AC-OP-15	M. Safiur Rahman	Assessing Risk to Human Health for Heavy Metal Contamination Through Street Dust in the Southeast Asian Megacity, Dhaka, Bangladesh
11:51–12:03	AC-OP-16	M.A. Akbor	Spectroscopic Determination of Priority Pollutants and Synthesized Nano-Adsorbent for the Removal of Pollutants
12:03–12:15	AC-OP-17	Md. Shamim Uddin	Arsenic Concentration in the Irrigation Water, Soil and Crop System in Southeastern Part of Bangladesh
12:15–12:27	AC-OP-18	Ashim Kumar	Formulation of Paracetamol with Enhanced Analgesic and Hepatoprotective Activity
12:27–12:39	AC-OP-19	Suman Barua	A Comparative Scenario of Metal Pollution Risk in Soil by Open Beach Ship Recycling Practice with Typical Industrial Activities
12:39–12:51	AC-OP-20	Ahmed Jalal Samed	Sustainable Removal of Toxic Lead (Pb ²⁺) from Aqueous Solution Using Environmental Benign Biodegradable Sorbents
12:51–13:03	AC-OP-21	Makid Maskawat Marjub	Characteristic Changes of Dissolved Organic Matter in Soil and Water Samples of Bangshi River Area, Tannery Industrial Area and Jahangirnagar University

Session B: Polymers and Nanomaterials (Venue: Room No. 106, 1F, Dept. of Chemistry, Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)

Chair: Professor Dr. Hasan Ahmad, Department of Chemistry, RU

Co-chair: Dr. Md. Sarwar Jahan, Chief Scientific Officer, BCSIR, Dhaka

Time	Code No.	Speaker	Title
11:15–11:27	PN-OP-15	Md. Abdur Rahman	Synthesis of Acid-Sensible Charge-Conversional Bisphosphonated Magnetic Nanoparticles for Targeting Cancerous Bone Cells
11:27–11:39	PN-OP-16	M. Mostafizur Rahman	Displacement Washing of Kraft Spruce Pulp
11:39–11:51	PN-OP-17	Shovra Chandra Chakraborty	Development of Eco-Friendly Nano-Chitosan Based Composite as A Coating for Slow Released Urea Tablet
11:51–12:03	PN-OP-18	Nur Uddin Ahamad	Fabrication of Hybrid Carbon Nanotubes and Polystyrene Composites for Engineering Smart Textile Products
12:03–12:15	PN-OP-19	A. K. M. A. Ullah	Green Synthesis of Silver Nanoparticles Using <i>Cynodon Dactylon</i> Plant Aqueous Extract and Their Application Against Human Pathogens
12:15–12:27	PN-OP-20	Md. Imran Biswas	Radiation Grafting of Acrylic Acid and Sodium Styrene Sulfonate on Non-woven Polyethylene Fabric and Its Application in Removal of Heavy Metals from Aqueous Solution
12:27–12:39	PN-OP-21	M. A. Rabbi	Biosynthesis of Jute Fiber Based Cellulose/Silver

Day II: November 10, 2019, Sunday

			Nanocomposite Particles: Catalytic and Antibacterial Properties
12:39–12:51	PN-OP-22	Umme Magreba Takebira	Plasma Treated Polyester Fabric Hairiness Parameters to Reduce Microfiber Emission
12:51–13:03	PN-OP-23	Bijoy Kumar Mondal	Conversion of Waste Plastics into Liquid Fuels by Catalytic Pyrolysis
13:03–13:15	PN-OP-24	Md. Nazmul Huda	Fabrication and Characterization of Quaternary Chitosan Derivative-ZnO Nano Biocomposite for Personal Care Textiles

Session C: Inorganic Chemistry (Venue: Room No. 222, 2F, Dept. of Chem., Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)

Chair: Professor Dr. Md. Tofazzal Hossain Tarafder, Department of Chemistry, RU

Co-chair: Professor Dr. Md. Nazrul Islam (2), Department of Chemistry, RU

Time	Code No.	Speaker	Title
11:15–11:30	IC-IL-02	Tapashi Ghosh Roy	Metal Complexes of an N-Pendent Derivative of a Multiaza Macrocyclic Ligand: Synthesis, Characterization and Biological Activities
11:30–11:45	IC-IL-03	Azaj Ansari	Electronic Structures of High Valent Metal Complexes and Mechanistic Study of Biomimetic Catalytic Transformation Reactions
11:45–11:57	IC-OP-13	Nuzhat Muntaha	Synthesis of Ditopic and Tritopic Hydrazone Ligands–Designed Self-Assembly towards Polynuclear Cluster
11:57–12:09	IC-OP-14	Saswata Rabi	Syntheses, Characterization and Antimicrobial Activities of Rhodium(III) and Platinum(II) Complexes of An Octamethyl Tetraazamacrocyclic Ligand
12:09–12:21	IC-OP-15	Md. Abdus Sabur	Does Silicate Control the Mobilization of Phosphate at the Goethite-Water Interface?
12:21–12:33	IC-OP-16	S. Narayan Das	Effect of Particle Size and Selective Bioadditive on Rheological Behavior of Iron Ore-Water Slurry for Pipeline Transportation
12:33–12:45	IC-OP-17	Kazi Mahtab-Ul-Islam	Synthesis, Characterization, Microbial and Antioxidant Activities of Metal Complexes of Schiff Base Derived from 3-Hydroxy-2-Naphthoic Acid Hydrazide and Furfural
12:45–12:57	IC-OP-18	Lucky Dey	Multiaza Macrocyclic Ligands, Their Metal Complexes and Antimicrobial Activities
12:57–13:09	IC-OP-19	Md. Tuhinur R. Joy	Reactions of Triruthenium Clusters with 2-Ethynylpyridine: C–C Bond Formation and C–H Bond Activation

Session D: Natural Products (Venue: Room No. 101, 1F, Dept. of Chem., Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)

Chair: Professor Dr. M. Yusuf Ali, Department of Chemistry, RU

Co-chair: Professor Dr. Balaram Roy, Department of Chemistry, HSTU

Time	Code No.	Speaker	Title
11:15–11:27	NP-OP-08	Jannatun Nayeem	Dissolving Pulp from Crops Residues by Prehydrolysis-Potassium Hydroxide Process
11:27–11:39	NP-OP-09	Mehdi Hasan	Assessment of Microbial Diversity in Commercial Herbal Medicine (CHMs) Available in Bangladesh
11:39–11:51	NP-OP-10	Ashadur Rahman	<i>Aloe vera</i> Gel in Wound Healing, Medical Textiles and Personal Care Products

Day II: November 10, 2019, Sunday

11:51–12:03	NP-OP-11	Md. Shah Amran	In Vivo Assessment of Antidiabetic Potential of <i>Coccinia grandison</i> Alloxan-Induced Diabetic Rats
12:03–12:15	NP-OP-12	Md. Abu Bakar Siddique	Cocos nucifera Leaf Extract Mediated Green Synthesis of Silver Nanoparticles for Enhanced Antibacterial Activity
12:15–12:27	NP-OP-13	Mamon Sarkar	Biorefinery Initiative of Casuarina equisetifolia by Formic Acid
12:27–12:39	NP-OP-14	S. K. Sarkar	Chemical, Mineral Analysis and Phytochemical Scanning of Two Varieties of Dragon Fruits Growing in NSTU Campus, Bangladesh
12:39–12:51	NP-OP-15	Golam Sadik	Protective Effects of <i>Loranthus Longiflorus</i> on Acetylcholinesterase and Oxidative Stress <i>In Vitro</i> and In Scopolamine Induced Memory Impaired Mice

SessionE: Organic Chemistry (Venue: Room No. 244, 2F, Dept. of Chem., Dr. Muhammad Kudrat-I-Khuda Academic Building, RU)

Chair: Professor Dr. Md. Azizul Islam, Department of Chemistry, RU

Co-chair: Professor Dr. Md. Tariqul Hasan, Department of Chemistry, RU

Time	Code No.	Speaker	Title
11:15–11:27	OC-OP-05	Soma Mitra	Multi-Component One-Pot Synthesis and in-vitro Antimicrobial Evaluation of Dihydro-Thiadiazolo-Quinazoline Derivatives
11:27–11:39	OC-OP-06	Mohammed Mahbubul Matin	Carbohydrates to Drugs: Recent Developments in Design and Synthesis CFA Esters as Antimicrobials and Azasugars as Glycosidase Inhibitors
11:39–11:51	OC-OP-07	M. Ismail Hossain	Antimicrobial Impact Analysis of Functionalized Ionic Liquids
11:51–12:03	OC-OP-08	Md. Abdur Rashid	Synthesis of Some Novel Heterocyclic Compounds Containing Thiadiazole, Azo and Phenolic Moieties and Study of Their Antimicrobial Property
12:03–12:15	OC-OP-09	Mahbuba Khanam	Synthesis and Characterization of a Chelating Resin Functionalized with <i>N,N'</i> -bis(Salicylidene)- <i>o</i> -Phenylenediamine for Preconcentration, Separation and Adsorption of Copper(II) Ion in Aqueous Solution
12:15–12:27	OC-OP-10	Md. Abdul Alim Al-Bari	Repurposing Chloroquine Analogues in Drug Discovery: Modulation of Autophagy is the Final Hurdle for Effective Chemotherapy
13:00–14:00	Lunch & Prayer		

List of abstracts for Poster presentation**Day I: November 09, 2019, Saturday (14:00–15:00)**

AC-PP-01	Shamim Ahmed	Why Most Arsenic Removal Technologies Do Not Work in Bangladesh?
AC-PP-02	Tasrina Rabia Choudhury	Accumulation of Heavy Metals in the Insects, Fish and Chicken of River Bank Areas of Buriganga and Turag in Dhaka and Histo-pathological Evidences in the Brain
AC-PP-03	F. T. Ahmed	Hydrochemical Characterization and Irrigation Quality

Day I: November 09, 2019, Saturday (14:00–15:00)

		Assessment of Groundwater in the Mubarakganj Sugar Mills Area, Kaliganj, Jhenaidaha
AC-PP-04	Tasrina Rabia Choudhury	Evaluation of Heavy Metals in Fishes Collected from Bhola, the South East Coastal Region in Bangladesh: Possible Human Health Risk Assessment
AC-PP-05	Bipul Chandra Barman	Uses of Organo Phosphorus Pesticides (OPPs) in Cropping Agriculture in Northwestern Bangladesh: A Snap Shot
AC-PP-06	Akteruzzaman Apel	Efficient Utilization of Water Hyacinth for Quality Vermicompost Production
AC-PP-07	Susmita Saha	Effects of Dietary Calcium Level on Growth Performance in <i>Labeo bata</i> (Hamilton, 1822)
AC-PP-08	Rafiza Islam	Fatty Acid Compositions and Heavy Metals in Fish Species from Saint Martin's Island
AC-PP-09	Abu Shamim Khan	Arsenic Bearing Sludge Quality Monitoring and Its Sustainable Management
AC-PP-10	Abdul Hadi Al Nafi Khan	Hydrochemical and Isotopic Evolution of Groundwater at Bagerhat Upazilla of Bangladesh
AC-PP-11	Md. Nazrul Islam	Chemical and Biological Activity Studies of Marine Algae <i>Sargassum flavicans</i>
AC-PP-12	Md. Asadul Isalm	Identification of the Presence and Source of Heavy Metal in Broiler Chicken Meat (Rajshahi Region)
AC-PP-13	Md. Lutfor Rahman	A Comparative Study on Physicochemical Properties of Rice Bran Supplemented Bread with Locally Available Bread
AC-PP-14	Khandoker Tahmina Tasnim	Microplastics, Organochlorine Pesticides, Heavy Metals and Fatty Acid Compositions in Freshwater Fish Samples
AC-PP-15	Sunjida Akter	Multi-Residue Pesticides, Heavy Metals and Fatty Acid Compositions in Marine Fish Samples
AC-PP-16	M. H. Rahman	Contamination and Ecological Risk Assessment of Heavy Metal in Soils around the Export Processing Zone, Ishwardi, Pabna, Bangladesh
AC-PP-17	M. S. Pervez	Chemical Characterization of Water Quality for Drinking and Agricultural Purposes: A Case Study Ishwardi, Pabna, Bangladesh
AC-PP-18	M. Mozammel Hosen	Source Identification and Human Health Risk Assessment of Heavy Metals in a Commercially Important Cultured Fish Species <i>Labeo calbasu</i> in Bangladesh
AC-PP-19	A. Akther	Study of Essential and Toxic Elements in Fruits and Evaluation of Food Value For Bangladeshi People
AC-PP-20	Md. Badrul Islam	Comparison on Fatty Acid Profile in the Different Body Parts of Freshwater Crab (<i>Paratelphusa lamellifrons</i>)
AC-PP-21	Ayesha Afrin	A Highly Sensitive and Selective Spectrofluorimetric Method for the Determination of Molybdenum at Pico-trace Levels in some Real, Environmental, Biological, Soil and Food Samples Using 2-(α -Pyridyl)-thioquinaldinamide
AC-PP-22	Mh. Mosfeka Chowdhury	Impact of River Side Pollutants on Halda Water Quality
AC-PP-23	Md. Mahabub Alam	Chemistry of Water Quality Management in Power Plant Operation: Present and Future Challenges

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AC-PP-24	Md. Humayun Kabir	Residue Amount Determination of DDT (p,p'-DDT, p,p'-DDE, p,p'-DOD) and BHC (α -BHC, β -BHC, γ -BHC, δ -BHC) Organochlorine Pesticides in Cultured and Captured Fish of Two Different Region of Bangladesh
AC-PP-25	Mohammad Shoeb	Humanitarian Engineering for Sustainable Development
AC-PP-26	Md. Nazrul Islam	Environmental Impact of Rohingya Influx in Cox's Bazar
AC-PP-27	Kazi Fahima Siddika	Evaluation of Some Metals Accumulated in Some Arthropods and Vertebrates of Cox's Bazar and Teknaf Areas in Bangladesh and Histo-Pathological Evidences in the Brain
IC-PP-01	Md. Mahadi Hasan	Spectroscopic Analysis on the Binding Interaction of Schiff Base Ligand with Different Transition Metal Ions
IC-PP-02	Jannatul Ferdous	Synthesis, Characterization and Liquid Crystallinity of Some 3-Dodecyloxy Aroylhydrazinatonickel(II) Complexes
IC-PP-03	Shahela Akter	Synthesis, Characterization, Molecular Modelling of Zinc(II), Copper(II) and Nickel(II) Schiff Base Complexes and Evaluation of Their Microbial and Antioxidant Properties
IC-PP-04	S. M. Rahatul Alam	Transition Metal Complexes of Pyridine-2,6-Dicarbohydrazide and Their Biomedical Applications
IC-PP-05	Tamanna Akter	Synthesis, Characterization and Liquid Crystallinity of Some Schiff Bases Containing Azobenzene Moiety
IC-PP-06	Reshmi Khatun	Structural Analysis with Antimicrobial Activity of U(VI), Th(IV) and Zr(IV) Metal Complexes Containing Schiff Base [S-Methyl-3-(4-ethoxybenzylidene)dithiocarbazate] and Heterocyclic Amines
IC-PP-07	Md. Kudrat-E-Zahan	Design, Synthesis and Characterization with Antibacterial Activity Studies on Co(II) and Cd(II) Complexes Containing Thiosemicarbazide Based Novel Schiff Base Ligand
IC-PP-08	Md. Saddam Hossain	Synthesis, Spectral and Thermal Characterization of Cu(II) and Co(II) Complexes Containing Schiff Base Ligands towards Potential Biological Application
IC-PP-09	Kismat Ara Elachi	Synthesis, Spectral and Thermal Characterization of Cu(II) Complexes Containing Schiff Base Ligands towards Potential Biological Application
IC-PP-10	Pradip Paul	Syntheses, Characterization and Antimicrobial Activities of Some Nickel(II) Complexes of a Tetraazamacrocyclic
IC-PP-11	Tumpa Rani Mojumder	Syntheses, Characterization and Antimicrobial Activities of Some Zinc(II) Complexes of an N-Pendent Macrocyclic
IC-PP-12	Roknuzzaman	New Mono- and Dimolybdenum Carbonyl Complexes Bearing Thiolato and Tertiary Phosphine Ligands: Synthesis, Structures and Reactivity
IC-PP-13	Nur Mohammad	Structural Properties of Copper(II) Complex Containing Schiff Base Ligand, 2-Salicylidene Amino Benzoic Acid
IC-PP-14	Md. Nur Amin Bitu	Synthesis, Spectral and Thermal Characterization of Cu(II) Complex Containing N and O Donor Schiff Base Ligand
IC-PP-15	Sharif Uddin	Synthesis, Spectral Characterization and Biological Activity Studies of Transition Metal Complexes of Schiff Base Derived From Salicylaldehyde and Aminocaproic Acid

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IC-PP-16	Mohammed Golam Robbani	Synthesis, Characterization and Liquid Crystallinity of N-(2,4-Di-dodecyloxy)benzylidene Derivatives of Aroylhydrazinatonicel(II) Complexes
NP-PP-01	Mst. Naznin Akhter	<i>In Vitro</i> Anticancer Study and Brine Shrimp Lethality Bioassay of Methanolic Crude Extract and Its Individual Fractionates of <i>Mucuna pruriens</i> Seeds
NP-PP-02	Shahinur Rahman	Bioactive Potentials of <i>Annona muricata</i> L. Leaf Extracts Against Three Economically Important Stored Product Pests <i>Tribolium castaneum</i> (Hbst.), <i>Sitophilus oryzae</i> L. and <i>Callosobruchus chinensis</i> L.
NP-PP-03	Syed Mohammad Lokman	Investigation of the Antimicrobial Potential of Selected Essential Oils and Their Derivatives Using Molecular Docking Approach
NP-PP-04	Md. Salim Ahammed	Antioxidant and Acetylcholinesterase Inhibitory Constituents from <i>Vanda roxburghii</i>
NP-PP-05	Al Mamun	Investigation of the Plant <i>Mimusops elengi</i> Linn. (Bakul) Seeds: Evaluation of Antioxidant, Antidiabetic, Cytotoxic Activities and Essential Trace and Harmful Heavy Metal Contents
NP-PP-06	Liton Chandra	Assessment of Micronutrients, Antioxidant and Cytotoxicity of <i>Averrhoa bilimbi</i>
NP-PP-07	Zahirul Islam	Anthelmintic and Cytotoxic Activities of the Medicinal Plants <i>Chenopodium album</i> , <i>Swietenia macrophylla</i> , <i>Phyllanthus emblica</i> and <i>Holarrhena antidysenterica</i> Leaf Extracts
NP-PP-08	Khondoker Shahin Ahmed	Simultaneous HPLC-DAD Profiling of Polyphenolic Compounds from <i>Moringa oleifera</i> Lam. Leaves Grown in Bangladesh
NP-PP-09	Md. Mizanur Rhaman	Chemical and Biological Activity Studies of Marine Algae <i>Enteromorpha flexuosa</i>
NP-PP-10	Ayan Paul	Evaluation of Phytotoxicity, Bactericidal Assessment on Environmental Living System and Computational Data Investigation of Dichloro-Alkyl Functionalized Ionic Liquids
NP-PP-11	Sumsun Nahar Moon	Analysis of Fatty Acids and Surface Charge of the Husk of <i>Dillenia indica</i>
NP-PP-12	Rumpa Kundu	Investigation of Fatty Acid Composition and Chemical Characteristics of Groundnut (<i>Arachis hypogaea</i>) Oil
NP-PP-13	Nishat Fatema	Potential of <i>Heritiera littoralis</i> (Aiton), <i>Madhuca longifolia</i> (Koen.) Macbr., <i>Nerium indicum</i> L. and <i>Sapium indicum</i> (Willd.) Against the Insect Vector <i>Culex quinquefasciatus</i> (Say) Larvae
NP-PP-14	Fardushi Rahman	Cumin (<i>Cuminum cyminum</i>) in Bangladesh: Phytochemistry and Pharmacology
NP-PP-15	M. F. Ehasan	Phytochemical Analysis of <i>Azadirachta indica</i> Using Gas Chromatography-Mass Spectrometry Technique
NP-PP-16	M. Ibrahim	Studies on the Storage Life and Quality Characteristics of Nutritious Flour from Ripe Jackfruit Seed
NP-PP-17	M. M. Uddin	Physicochemical Properties and Fatty Acid Composition of Oil Extracted from Oil Palm (<i>Elaeis guineensis</i>) Fruits Grown in Bangladesh
NP-PP-18	Kazi Tahsin Tabassum Hoque	Investigation on the Antioxidant Capacity of <i>Moringa oleifera</i> (Drumstick/Sojina) Leaves at Three Stage of Maturity
NP-PP-19	Md. Anowar Hossain	Zero Toxic Natural Coloration on Cotton fabric with <i>Musa accuminata</i> (Banana Leaves)

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OC-PP-01	Sayed Samina Ahmed	Synthesis, Characterization and Molecular Docking of 2-Hydroxy Chalcones Act as a Pharmacological Agent
OC-PP-02	Anis-UI-Islam	Challenges in Carbohydrate Derivatives for Antimicrobial Drug Discovery
OC-PP-03	Mohammed A. Hosen	Synthesis of Therapeutically Useful Pyrimidine Nucleoside Analogs
OC-PP-04	Md. Faruak Ahmad	Synthesis, Characterization and Optical Properties of Acceptor and Donor Substituted Platinum Ethynyl Monomers and Dimers
OC-PP-05	Bilkis Jahan Lumbiny	Efficacy of Newly Synthesized Flavonoids as Health Benign Preservative and Dye
OC-PP-06	Fahmida Siddika	A Straightforward Green Synthesis of Thiopyrimidones Catalyzed by <i>p</i> -TSA under Solvent Free Condition
OC-PP-07	Md. Kamruzzaman	Synthesis of Chloro or Nitro Containing Alkylated Azobenzene Compounds and Study Their Liquid Crystal Properties
OC-PP-08	Asraful Alam	Synthesis of Thymidine Derivatives for Potential Drug Candidates
OC-PP-09	Nasrin S. Munia	Acylation of Uridine Derivatives for Biological and Computational Studies
PN-PP-01	Ahmad Hasan Kibria	Schiff Base Containing Well-Defined Polystyrene: Synthesis and Applications
PN-PP-02	Md. Golam Mostofa	7-O-Methylmearnsitrin and Resorsenoid-A Inhibit Cancer Cell Proliferation in Multiple Cancer Cells and Induce Apoptosis of HeLa Cell
PN-PP-03	Md. Abdullah Al Kafi	Synthesis, Characterization of Iron(III) Oxide Nanoparticles and Its Adsorption Activity
PN-PP-04	Arman Miah	Comparative Studies on the Synthesized Different Copper Oxide Nanoparticles and Their Applications
PN-PP-05	Md. Kazi Wakib	Facile Synthesis and Characterization of Mono and Bimetallic Nanoparticles and Their Application
PN-PP-06	Monira Begum	Synthesis, Characterization and Application of Amberlite XAD-4 Resin Functionalized with <i>N</i> -Salicylidene-2-chloroaniline for Preconcentration, Separation and Adsorption of Copper(II) Ion in Aqueous Solution
PN-PP-07	Farhana Sumi Rain	Facile Synthesis of Chalcone Containing Well-defined Bioactive Polystyrene by ATRP and Click Reaction
PN-PP-08	Md. Masudur Rahman	A Green Approach to Incorporating Paper Industry Waste in Low Cost Concrete Development
PN-PP-09	Tomal Chandro Roy	Preparation, Characterization and Antifungal Activity Studies of Silk Fibroin Hydrogel Loaded with Fluconazole for Controlled Release
PN-PP-10	Muhammad Shahadat Hossain Chowdhury	Synthesis, Interaction, Luminescence and Thermal Properties of PPy-ZnO-TiO ₂ Composites: Towards Superior Photocatalytic Activity for Organic Dye Degradation
PN-PP-11	Aynun Nahar	Influence of Talc Filler Content on the Mechanical and Thermal Properties of Jute Mat-coconut Coir Reinforced Unsaturated Polyester Resin Hybrid Composite
PN-PP-12	Ayesha Akhter	Dyeing of Silk Fabric with the Natural Dye Extracted from Green Coconut Shell (<i>Cocos nucifera</i>)

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PN-PP-13	Mst. Sarmina Yeasmin	Synthesis of Super Absorbent Polymer by Size Reduction Process from Wheat Straw Cellulose
PN-PP-14	H. Jahan Kadri	Study of the Biodegradable and Biocompatible Starch-Pla Hydrogel Foran Ecofriendly Approach
PN-PP-15	Loknath Dhar	Adsorption of Methylene Blue by Mg-Al Layered Double Hydroxide/Graphene Oxide Composite from Synthetic Waste Water
PN-PP-16	Md. Sagirul Islam	Utilization of Bauxite with Red Clay to Produce Refractory Brick
PN-PP-17	Mahi Ahmad	Fabrication of Cellulose-metal Oxide Composite and Studying Its Antimicrobial Activity
PN-PP-18	Moslina Khatun	Synthesis, Fabrication and Characterization of Cellulose Based Antimicrobial Hydrogel from Wheat Straw
PN-PP-19	Khorsheda Akhter Bithi	Mesoporous Cationic Composite Particles for Biomedical Applications: Antiinflammatory and Thrombolysis Behavior
PN-PP-20	Razia Sultana Popy	Low Temperature Potassium Hydroxide Pulping of Straw
PN-PP-21	Jannatun Nayeem	Surface Modification of Iron Oxide Magnetic Nanoparticle via Reverse Microemulsion Method and Their Functionalization with Cationic Polymer, P(NIPAM-AMPTMA) for Drug Immobilization
PN-PP-22	S. M. Maruf	Preparation of pH-Controlled Surface Active Composite Polymer Particles for CO ₂ Adsorption
PN-PP-23	Md. Jasim Uddin	Synthesis and Characterization of Mixed Oxide of NiO-CuO Nanocomposite for Solar Cell Modification
PN-PP-24	Mehedi Hasan	A New Method for Synthesis of Well-defined Y-shaped Star Polymer
PC-PP-01	Sanwar Hossain	Development of Metal Oxide Based Solid State pH Sensor
PC-PP-02	Most. Munnizan	Effect of Catalyst on Production of Fuel oil from Waste Polythene
PC-PP-03	M. Ismail Hossain	An Efficient Synthesis, Structural Characterization of Halogen Functionalized Protic Ionic Liquids and Their Phytotoxic Impact towards the Growth Properties of Terrestrial Plants
PC-PP-04	Md. Ismail Hossain	Investigation of Dianionic and Monoanionic Quaternary Ammonium Ionic Liquids and the Evaluation of Anti-Microbial Impacts Along With Theoretical Data Analysis
PC-PP-05	Meherun Alam	Graphene Oxide Modified Pencil Graphite Electrode for the Detection of H ₂ O ₂
PC-PP-06	Md. Moynul Islam	Electrodeposition of Tellurium from Eutectic Based Ionic Liquid
PC-PP-07	M. A. Hasnat	Enrichment of O-18 Water to Produce Radiotracer for Pet: Theoretical Approach and Schematic Diagram Designed For Institute of Nuclear Medical Physics