

INTERNATIONAL CONFERENCE ON BIOLOGICAL RESEARCH & APPLIED SCIENCES January 20-21, 2021

Conference Program

JINNAH UNIVERSITY FOR WOMEN



Collaborators







About Conference

The key objective of IBRAS is to provide opportunity for the global participants to share their ideas and experience with their peers expected to join from different parts of the world. The *IBRAS* will highlight cutting-edge advances in all major disciplines of Biological, Chemical and Physical Sciences. Technical tracks span new and original research in all fields of Botany, Biochemistry, Biotechnology, Chemistry, Computer Science, Food Science, Microbiology, Mathematics and Zoology. The IBRAS will also provide a forum for an in-depth assessment of the challenges involved in the dynamic and fast-moving fields of science. Due to prevailing conditions, IBRAS will be held virtually.

The conference program exhibits effective presentations of contributed papers and knowledgeable lectures by invited keynote speakers.

Only papers that are presented during the conference will be included in the proceedings. Authors should remain **connected** throughout their session.

The conference is online with LIVE connection for all delegates from all over the world.

LIVE Virtual Presentations.

LIVE Pre-Recorded Presentations.

Conference Tracks

- a) Glimpse of Biochemical Practices: Innovation and Impact
- b) Emerging Trends in Biotechnology
- c) Sustainable use of Bioresources in Green Economy
- d) Advancements in Chemical Sciences
- e) Emerging Trends in Computing
- f) Recent Advances in Food Science and Technology
- g) Pure and Applied Mathematics
- h) Advances in Microbiology
- i) Recent Trends in Zoological Research

Detailed Program

DAY 1, WEDNESDAY, JANUARY 20, 2021	
TIMINGS	SESSIONS
10:00 am - 12:00 am	INAUGURAL SESSION OF THE CONFERENCE Join Zoom Meeting https://us02web.zoom.us/j/87382315693?pwd=OVFkcU1Cd3c5aVFtaVlGaEI3 WVJPQT09 Meeting ID: 873 8231 5693 Passcode: 953890
10:00 am – 10:10 am	Tilawat-e-Quran National Anthem of Pakistan
10:10 am – 10:20 am	Welcome Address by Prof. Dr. Naeem Farooqui Vice chancellor, Jinnah University for Women
10:20 am – 11:00 am	Address by the Chief Guest: Dr. Abdul Qadeer Khan Nuclear Scientist, Metallurgical Engineer Founder of Gas-Centrifuge Enrichment Technology for Pakistan's Nuclear Deterrent Program Pakistan
11:00 am – 11:10 am	Welcome Address by Mr. Wajeehuddin Ahmed Chancellor, Jinnah University for Women, Karachi
11:10 am – 11: 20 am	Prof. Dr. Raheel Qamar T.I. Head of Science and Technology Sector at Islamic World Educational, Scientific and Cultural Organization (ICESCO), Morocco Former Rector COMSATS, Islamabad.
11:20 am – 11: 30 am	Prof. Dr. Akram Sheikh Director General Pakistan Scientific and Technological Information Center (PASTIC)
11:30 am - 11:40 am	Dr. Akhter Hamid, President Canada Pakistan Research & Development Council (CPRDC) Assistant Professor, Department of Paediatrics, University of Toronto. Director of Paediatric Research, Director of Resident's Education at the Scarborough Health Network
11: 40am – 11: 45 am	Mr. Paras Ali, CEO Technology Times

12:00 pm - 2:00 pm	SESSION I: GLIMPSE OF BIOCHEMICAL PRACTICES: INNOVATION AND IMPACT Organized by Department of Biochemistry Join Zoom Meeting https://us02web.zoom.us/j/87510663227?pwd=OUQzNUNBVi9maEVMTHNx WU9hd3ZqUT09 Meeting ID: 875 1066 3227 Passcode: 986297 Chair: Dr. S.M. Shahid School of Health Sciences, Eastern Institute of Technology - Auckland Campus, New Zealand Co-Chair: Prof. Dr. Muhammad Jawed Department of Biochemistry, College of Medicine Qassim University-Kingdom of Saudi Arabia.
12:05 pm – 12:20 pm	Keynote Speaker: Prof. Dr. Afshan Zeeshan Wasti Department of Medical Laboratories College of Applied Medical Sciences Qassim University, Kingdom of Saudi Arabia. "ERBB2 - A Potential Breast Cancer Marker: An Integrated Bioinformatics Strategy"
12:20 pm – 12:30 pm	Mr. Harishchander Anandaram "In Silico Analysis and Mathematical Modeling of MicroRNAs in Psoriasis: An initiation to identify a novel target."
12:30 pm – 12:40 pm	Ms. Mai S. Saleh "Assessment of Stress among pediatric patients with Acute Lymphoblastic Leukemia in Egypt."
12:40 pm – 12:50 pm	Mr. Muhammad Qureshi "Development And Characterization Of Laccase Based Crosslinked Enzyme Aggregates (CLEAs)."
12:50 pm – 1:00 pm	Dr. Mehreen Lateef "Evaluation of c-reactive protein in breast cancer by enzyme linked immunoassay technique."
1:00 pm – 1:10 pm	Ms. Seema Thakur "Pioglitazone Ameliorates Peripheral Neuropathy In Rats: Evidence For Anti- Inflammatory And Antioxidant Mechanisms."
1:10 pm – 1:20 pm	Ms. Soma "Influence of solvents on the biochemical profiling of Moringa oleifera extracts for investigating an effective bioactive compound."
1:20 pm – 1:30 pm	Ms. Sara Ejaz

	"Production, partial purification and characterization of Glucoamylase from
	Aspergillus niger." Ms. Rida Nisar
1:30 pm – 1:40 pm	"Geraniol reduces anxiety-like effects in rats exposed to single electric shock."
	Mr. Disha Sharma
1:40 pm – 1:50 pm	"Distinctive Parameters And Strategies For Bone Related Diseases
	Management."
1:50 pm – 2:00 pm	Q/A Session
	SESSION II: SUSTAINABLE USE OF BIORESOURCES IN GREEN ECONOMY
	Organized by Department of Botany
	Join Zoom Meeting
	https://us02web.zoom.us/j/87170862390?pwd=ZFFIR3I0S2ZCQ2VYVWZ1cH NIMmdIZz09
	Meeting ID: 871 7086 2390
	Passcode: 12345
	Chair: Professor Dr. Aliya Rehman
	Chairperson Department of Botany
	Director, Office of Research, Innovation and Commercialization (ORIC),
	University of Karachi.
12.00 40 2.00	Co-Chair: Dr. Hazel Monica M. Peralta
12:00 pm to 2:00 pm	Associate Professor
	College of Fisheries-Freshwater Aquaculture Center
	Central Luzon State University Science City of Munoz, Nueva Ecija
	Philippines
	Keynote Speaker: Prof. Dr. Saleem Shehzad
	Vice Chancellor
12:05 12:20	Metropolitan University Karachi.
12:05 pm – 12:20 pm	Ex- Chairman Department of Agriculture and agribusiness management University of Karachi.
	"Use of microorganisms in reducing hazardous pesticides consumption."
	Dr. Rashid Abbas Khan
12:20 pm – 12:30 pm	"Effect of Aqueous Extract of Sunflower on Morphological, Biochemical
	attributes and antioxidant enzymes activities of Wheat (Triticumaestivum L.)."
	Dr. Irfan Aziz
12:30 pm – 12:40 pm	"Halophytes for phytoremediation: A promising approach for re-vegetating
	1. 1 11 . 1
12:40 pm – 12:50 pm	saline and polluted areas." Dr. Aisha Shereen

	"Alleviating effects of foliar spray of salicylic acid on rice (Oryzasativa L.)
	Genotypes under water deficient conditions."
	Dr. Amjid Khan
12:50 pm 1:00 pm	"Evaluation of <i>Pseudomonas stutzeri</i> and <i>Bacillus subtilis</i> strains for Plant
12:50 pm – 1:00 pm	Growth Promotion Potential on Capsicum annuum L."
	Ms. Tahira Younis
1:00 pm – 1:10 pm	"Phycochemical analysis and evaluation of antifungal and antioxidant activities
1.00 piii – 1.10 piii	of Rhizoclonium hieroglyphicum."
	Ms. Sadaf Altaf
1:10 pm – 1:20 pm	"Effect of toxic metal copper on physical parameters and biomolecules of
1.10 pm – 1.20 pm	vignamungo and its adsorption by egg shell powder."
1:20 pm – 1:30 pm	Q/A Session
1.20 pm – 1.30 pm	Q/A Session
	SESSION III: ADVANCEMENTS IN CHEMICAL SCIENCES
	Organized by Department of Chemistry
	Join Zoom Meeting
	https://us02web.zoom.us/j/81511805859?pwd=UG9YT2ZIOUR6OFczaUErd0to
	dTg4UT09
	Meeting ID: 815 1180 5859
2:00 pm - 4:00 pm	Passcode: 801535
	Chair: Prof. Dr. Zahida Tasneem Maqsood
	Professor
	Department of Chemistry, University of Karachi, Pakistan
	Co-Chair: Prof. Dr. Shaikh Mohiuddin
	Professor Department of Chemistry, University of Karachi, Pakistan
	Department of elicinistry, om versity of fraction, fakistan
	KeyNote Speaker: Dr. Haider A. Khwaja
	Senior Scientist, Associate Professor
2:05 pm – 2:20 pm	Wadsworth Center, NYSDOH and Department of Environmental Health
	Sciences, School of Public Health, University at Albany, Albany, New York, USA
	USA
	"Particulate Air Pollution and Health Effects in a Megacity of Asia (Karachi)."
	Dr. Khezina Rafiq
2:20 pm – 2:30 pm	"Fabrication of Highly Effective Enzyme-Embedded Electrochemical Sensing
	Platform for Urea Detection."
2:30 pm – 2:40 pm	Dr. Ahmed Raza Ashraf
	"Diamine Architecture Effects on Thermal Stability of Polyimides." Dr. Sadia Noor
2:40 pm - 2:50 pm	'Interaction of Benzimidazole Metal Derivatives with DNA and Micellar media."
	T THICLACTION OF DOMANNICANOIC MICIAI DOMAINES WHILLDING AND MICENAL HERBA. T
	Hiba Saleem
2:50 pm – 3:00 pm	
2:50 pm – 3:00 pm 3:00 pm – 3:10 pm	Hiba Saleem

	"Tap Water Quality Assessment of Pilgrims Residence Buildings by using Water
	Quality Index."
	Dr. Maria Muhamad Taj
3:10 pm – 3:20 pm	"Working For Mankind for a Shared Community by Promoting Environmental
2,20,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Safety"
3:20pm – 3: 30pm	Q/A Session
	SESSION IV: EMERGING TRENDS IN BIOTECHNOLOGY
	Organized by Department of Biotechnology
	Join Zoom Meeting
	https://us02web.zoom.us/j/86776998838?pwd=ZWFKR0piV1Z3ekVUbURKL0J
	<u>qRUM4Zz09</u> Meeting ID: 867 7699 8838
	Passcode: 073824
2.00	
2:00 pm to 4:00 pm	Chair of the Session: Prof. Dr. Bushra Ahmad Saeed
	Division Director
	University of District Columbia Community College
	Washington DC
	Co-Chair: Prof. Dr. Kashif Ali
	Dean Faculty of Life Sciences
	Head Department of Bio-Sciences
	SZABIST-Karachi
	Vaynata Spaalzani Prof. Dr. Omar Pagagra
	Keynote Speaker: Prof. Dr. Omar Bagasra Professor of Biology
2.05	Professor of Biology
2:05 pm – 2:20 pm	
2:05 pm – 2:20 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA.
2:05 pm – 2:20 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant
2:05 pm – 2:20 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes."
	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas
2:05 pm – 2:20 pm 2:20 pm – 2:30 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas "Isolation and Characterization of Potential Bioethanol Producing Indigenous
	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas
	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas "Isolation and Characterization of Potential Bioethanol Producing Indigenous Wild Yeasts from some Local Alcoholic Beverages (ArekeDifdif and Tenses)." Dr. Tawaf Ali Shah "Molecular and computational characterization of beta-glucosidase from Bacillus
2:20 pm – 2:30 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas "Isolation and Characterization of Potential Bioethanol Producing Indigenous Wild Yeasts from some Local Alcoholic Beverages (ArekeDifdif and Tenses)." Dr. Tawaf Ali Shah "Molecular and computational characterization of beta-glucosidase from Bacillus Subtilis."
2:20 pm – 2:30 pm 2:30 pm – 2:40 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas "Isolation and Characterization of Potential Bioethanol Producing Indigenous Wild Yeasts from some Local Alcoholic Beverages (ArekeDifdif and Tenses)." Dr. Tawaf Ali Shah "Molecular and computational characterization of beta-glucosidase from Bacillus Subtilis." Dr. Sheeba Naz
2:20 pm – 2:30 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas "Isolation and Characterization of Potential Bioethanol Producing Indigenous Wild Yeasts from some Local Alcoholic Beverages (ArekeDifdif and Tenses)." Dr. Tawaf Ali Shah "Molecular and computational characterization of beta-glucosidase from Bacillus Subtilis." Dr. Sheeba Naz "Application of Peganumharmala L. (Harmal) Plant Cell Culture for the
2:20 pm – 2:30 pm 2:30 pm – 2:40 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas "Isolation and Characterization of Potential Bioethanol Producing Indigenous Wild Yeasts from some Local Alcoholic Beverages (ArekeDifdif and Tenses)." Dr. Tawaf Ali Shah "Molecular and computational characterization of beta-glucosidase from Bacillus Subtilis." Dr. Sheeba Naz
2:20 pm – 2:30 pm 2:30 pm – 2:40 pm 2:40 pm – 2:50 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas "Isolation and Characterization of Potential Bioethanol Producing Indigenous Wild Yeasts from some Local Alcoholic Beverages (ArekeDifdif and Tenses)." Dr. Tawaf Ali Shah "Molecular and computational characterization of beta-glucosidase from Bacillus Subtilis." Dr. Sheeba Naz "Application of Peganumharmala L. (Harmal) Plant Cell Culture for the Biotransformation of different Terpenes."
2:20 pm – 2:30 pm 2:30 pm – 2:40 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas "Isolation and Characterization of Potential Bioethanol Producing Indigenous Wild Yeasts from some Local Alcoholic Beverages (ArekeDifdif and Tenses)." Dr. Tawaf Ali Shah "Molecular and computational characterization of beta-glucosidase from Bacillus Subtilis." Dr. Sheeba Naz "Application of Peganumharmala L. (Harmal) Plant Cell Culture for the Biotransformation of different Terpenes." Dr. Afsheen Aman "Aspergillus fumigatus an effective metabolic system for the biosynthesis of Silver Nanoparticles: Fabrication and Characterization of Silver
2:20 pm – 2:30 pm 2:30 pm – 2:40 pm 2:40 pm – 2:50 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas "Isolation and Characterization of Potential Bioethanol Producing Indigenous Wild Yeasts from some Local Alcoholic Beverages (ArekeDifdif and Tenses)." Dr. Tawaf Ali Shah "Molecular and computational characterization of beta-glucosidase from Bacillus Subtilis." Dr. Sheeba Naz "Application of Peganumharmala L. (Harmal) Plant Cell Culture for the Biotransformation of different Terpenes." Dr. Afsheen Aman "Aspergillus fumigatus an effective metabolic system for the biosynthesis of Silver Nanoparticles: Fabrication and Characterization of Silver Nanocomposites".
2:20 pm – 2:30 pm 2:30 pm – 2:40 pm 2:40 pm – 2:50 pm 2:50 pm – 3:00 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas "Isolation and Characterization of Potential Bioethanol Producing Indigenous Wild Yeasts from some Local Alcoholic Beverages (ArekeDifdif and Tenses)." Dr. Tawaf Ali Shah "Molecular and computational characterization of beta-glucosidase from Bacillus Subtilis." Dr. Sheeba Naz "Application of Peganumharmala L. (Harmal) Plant Cell Culture for the Biotransformation of different Terpenes." Dr. Afsheen Aman "Aspergillus fumigatus an effective metabolic system for the biosynthesis of Silver Nanoparticles: Fabrication and Characterization of Silver Nanocomposites". Ms. Ayesha Siddiqui
2:20 pm – 2:30 pm 2:30 pm – 2:40 pm 2:40 pm – 2:50 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas "Isolation and Characterization of Potential Bioethanol Producing Indigenous Wild Yeasts from some Local Alcoholic Beverages (ArekeDifdif and Tenses)." Dr. Tawaf Ali Shah "Molecular and computational characterization of beta-glucosidase from Bacillus Subtilis." Dr. Sheeba Naz "Application of Peganumharmala L. (Harmal) Plant Cell Culture for the Biotransformation of different Terpenes." Dr. Afsheen Aman "Aspergillus fumigatus an effective metabolic system for the biosynthesis of Silver Nanoparticles: Fabrication and Characterization of Silver Nanocomposites". Ms. Ayesha Siddiqui "Potential of plant extracts to combat various pathogenic clinical isolates: an in
2:20 pm – 2:30 pm 2:30 pm – 2:40 pm 2:40 pm – 2:50 pm 2:50 pm – 3:00 pm	Professor of Biology Director, South Carolina Center for Biotechnology, Claflin University USA. "Novel methods to develop new antibiotics against multidrug resesistant microbes." Alene Admas "Isolation and Characterization of Potential Bioethanol Producing Indigenous Wild Yeasts from some Local Alcoholic Beverages (ArekeDifdif and Tenses)." Dr. Tawaf Ali Shah "Molecular and computational characterization of beta-glucosidase from Bacillus Subtilis." Dr. Sheeba Naz "Application of Peganumharmala L. (Harmal) Plant Cell Culture for the Biotransformation of different Terpenes." Dr. Afsheen Aman "Aspergillus fumigatus an effective metabolic system for the biosynthesis of Silver Nanoparticles: Fabrication and Characterization of Silver Nanocomposites". Ms. Ayesha Siddiqui

	"Strain mutagenesis of Stenotrophomonasmaltophilia for higher exopolysaccharide production."
3:20 pm to 3:30 pm	Ms. Maleeha Fatima "Diversity and enzymatic activity of Fungi isolated from the Mangroves of Makran Coast, Balochistan."
3:30 pm – 3:40 pm	Q/A Session

DAY 2, THURSDAY, JANUARY 21, 2021 **SESSIONS TIMINGS** SESSION I: ADVANCES IN MICROBIOLOGY Organized by Department of Microbiology Join Zoom Meeting https://us02web.zoom.us/j/88441882382?pwd=R0k0UWR3dWtNVVBMeDkrU zZ3MkVQdz09 Meeting ID: 884 4188 2382 Passcode: 759154 Chair: Dr. Naweed Sved, Ph.D. Professor, 10:00 am to 12:00 pm Department of Cell Biology and Anatomy, University of Calgary Co-Chair: Dr. Syed A Aziz, Ph.D. Professor, Faculty of Medicine Dept. of Pathology and Lab Medicine, University of Ottawa Ottawa Ontario, Canada Keynote Speaker: Dr. Kanwal Abbassi Senior Scientific Office, PCSIR 10:05 am - 10:20 amKarachi "SARS-CoV-2 Molecular Biology and Pathogenesis and Therapeutic Options" Keynote Speaker: Dr. Sadia Khalil Federal Urdu University of Arts, Sciences & Technology 10:20 am - 10:35 amKarachi "Plant based products as microbiological media: A double green technology" Dr. NataliiaTkachuk "Biofilms of some anaerobic bacteria on the polyethylene terephthalate 10:35 am - 10:45 amsurface." Dr. NannuShafakatullah "A novel Lactobacillus gasseriMF1 strain: Mechanism of probiotic actions in 10:45 am – 10:55 am the prevention of colorectal cancer." 10:55 am - 11:05 amDr. L. Zelena

	"Structural and functional peculiarities of outer and central cell layers of yeast
	colony."
11:05 am – 11:15 am	Dr. Amjad Ali Channa "Seroquantification of Antibodies Against Avian Influenza Virus (H9N2) in Poultry, Karachi, Pakistan."
11:15 am – 11:25 am	Dr. Maira Saleem "Kubuqi desert China; A promising source of antimicrobial and in vitro
	anticancer Actinobacteria."
11:25 am – 11:35 am	Dr. Hayatullah "Molecular Characterization of <i>Actinomycetes</i> species for production of bioactive secondary metabolites."
	Ms. MahnoorPervaiz
11:35 am – 11:45 am	"Development of Rapid Identification System for identification of Gram-Positive Cocci by indigenously Developkit."
11:45 am – 11:55 am	Ms. Misbah M. Yaseen "Bioprospecting of environmental yeast Rhodotorula isolated from Indian ocean for the production of Beta Carotene/Pre-Vitamin A."
11:55 am – 12:05 pm	Q/A Session
10:00 am - 12:00 pm	SESSION II-A: RECENT TRENDS IN ZOOLOGICAL RESEARCH Organized by Department of Zoology Join Zoom Meeting https://us02web.zoom.us/j/88005434549?pwd=TkQzY3Zpckh3NVpDVUJ0RH BTSW5IZz09 Meeting ID: 880 0543 4549 Passcode: 263844 Chair: Prof. Dr. Shahid Niaz Khan Dean Faculty of Biological Sciences, Chairperson, Department of Zoology, Kohat University of Science and Technology, Kohat. Co-Chair: Dr. Muhammad Shoiab Associate Professor, Department of Zoology, University of Karachi, Karachi.
10:05 am – 10:20 am	Keynote Speaker: Mr. Muhammad Moazzam Khan Technical Advisor, Marine, World Wild Nature Fund, Karachi, Pakistan "Conservation and Management of Natural Resources."
10:20 am – 10:30 am	Mr. Abdul Khaliq "16s rRNA based metagenomic analysis of bacterial community inhabiting the gastrointestinal tract of domestic and wild chicken in Kohat."

	Mr. Abdullah Khattak
10.20	
10:30 am – 10:40 am	"Comparative study of bacterial flora in intestinal contents of wild and farmed
	hypophthalamichthysmolitrix through high-throughput sequencing."
	Ms. Mehwish Hameed
10:40 am – 10:50 am	"Nosemaceranae: A Newly Emerged Microsporidiain Honey Bee Colony in
	Khyber Pakhtunkhwa Pakistan."
	Mr. Amjad Ullah
10:50 am – 11:00 am	"Acarapiswoodi: a novel parasite of honey bee in Khyber Pakhtunkhwa
	Pakistan."
	Mr. Kamal Ahmed Khan
11:00 am – 11:10 am	"Study on the distribution and damage assessment caused by wild boar in
	District Haripur."
	Ms. Hina Moin
11:10 am – 11:20 am	"Microplastic Hazards on Water Quality and Human Health."
	Kadjouh Oussama Sofian
11:20 am – 11:30 am	"Assessment of the potential toxic effects of an insecticide non-selective
11.20 am 11.30 am	(ALPHYTHRINE) on Daphnia magna."
	Ms. Memoona Nawaz
11:30 am – 11:40 am	"Insecticidal activities of <i>Solanumnigrum</i> L. extract against pest infestation of
11.30 am – 11.40 am	Momardicacharantia L."
11:40 am – 11:50 am	Q/A Session
11.40 am - 11.30 am	Q/A Session
	SESSION II-B: RECENT TRENDS IN ZOOLOGICAL RESEARCH
	Organized by Department of Zoology
	Join Zoom Meeting
	https://us02web.zoom.us/j/88005434549?pwd=TkQzY3Zpckh3NVpDVUJ0RH
	BTSW51Zz09
	Meeting ID: 880 0543 4549
	Passcode: 263844
10.00 1.00	
12:00 pm – 1:30 pm	Chair: Dr. Samina Kidwai
	Director General
	National institute of Oceanography
	Karachi, Pakistan
	Co-Chair: Dr. Atif Yaqoob
	Chairperson
	Department of Zoology
	Government College University Lahore
40.0	Noor Us Saher
12:05 pm – 12:15 pm	"Molecular identification and evolutionary divergence between two species of
1	
12:15 pm – 12:25 pm	the Genus <i>Petrolisthes</i> Porcellanid Crabs from the coastal waters of Pakistan." Altaf Hussain Narejo

	"Biochemical distinction and Isozyme characterization with the prospect of taxonomical order in the two Genera (<i>Clibanarius</i> , <i>Diogenes</i>) of Hermit crab along the coast of Pakistan based on SDS and Native Profile."
12:25 pm – 12:35 pm	Syeda Hadiqa Noor "Proteomic variations in commercially important penaeid (Brachuryan: Decapoda: Penaeidae) shrimp by using Isozyme (Amylase) as biomarker tool."
12:35 pm – 12:45 pm	Urooj Aziz "First barcode of <i>Ryphilacancellus</i> (Crustacea: Decapoda: Leucosioidea) from the coast of Pakistan."
12:45 pm – 12:55 pm	Wafra Matanat "Morphological and molecular variability of the Sea anemone Pseudactiniaflagellifera and Bunodosomasp. from the Karachi coast, Pakistan."
12:55 pm – 1:05 pm	Najm Us Shar "The role of Print media in the coverage and dissemination of Marine environment and its allied issues in Pakistan."
1:05 pm – 1:15 pm	Q/A Session
10:00 am to 12:00 pm	SESSION III: FOOD SCIENCE AND TECHNOLOGY Organized by Department of Food Science and Technology Join Zoom Meeting https://us02web.zoom.us/j/5318713343?pwd=dE5tKzdGNWdHZCt2aEc5SXVu aHMwQT09 Meeting ID: 531 871 3343 Passcode: 429541 Chair: Prof. Dr. Rashida Ali Chairperson, Department of Food Science and Technology Jinnah University for Women, Karachi, Pakistan. Co-Chair: Prof. Dr. Asad Saeed Department of Food Science and Technology Jinnah University for Women, Karachi, Pakistan.
10:05 am – 10:20 am	Keynote Speaker: Prof. Dr. Keshavan Niranjan Professor of Food Bioprocessing Department of Food and Nutrition University of Reading, England
10:20 am – 10:30 am	Dr. Asma Ansari "Characterization and <i>In vitro</i> Application of <i>Lactobacillus</i> plantarumbacteriocin as Biopreservative."
10:30 am – 10:40 am	Dr. Humaira Ashraf "Physicochemical assessment of curcumin microencapsules containing maltodextrin and gelatin coatings."
10:40 am – 10:50 am	Rashid Raza "Incidence of Aflatoxin M1 in human breast milk in Karachi, Pakistan."

	Datis Farmani
10:50 am – 11:00 am	Rubia Farooqui
	"Utilization of Beetroot Leaves with the Blend of Hazelnut Flour for
	Preparation of Crackers."
	Zara khan
11:00 am – 11:10 am	"Preparation of bio-based silica from food waste and its potential application in
	low cost water purification and juice clarification system."
11:10 am – 11:20 am	Q/A Session
	SESSION IV: PURE AND APPLIED MATHEMATICS
	Organized by Department of Mathematics
	Join Zoom Meeting
	https://us02web.zoom.us/j/84632742291?pwd=Ym8rNW12NGhoajA0d0IxQlln
	WTVwdz09
	Meeting ID: 846 3274 2291
12:00 pm to 2:00 pm	Passcode: 907911
	Chair: Dr. Hanifa Zekraoui
	Professor
	Faculty of SENV, Oum El Boughi University, 04000, Algeria
	Co-Chair: Dr. Ingila Rahim
	Senior Lecturer
	Sir Syed University of Engineering and Technology
	Voynote Speeken. Dr. Dekih Efendiev
	Keynote Speaker: Dr. Rakib Efendiev
12.05 12.20	Professor, Mathematics Department
12:05 pm – 12:20 pm	Baku Engineering University, Baku, Azerbaijan
	"Spectral Analysis for one class non-self-adjoint operators with almost periodic
	potentials."
	Ingila Rahim
12:20 pm – 12:30 pm	
	"Spotted stars in the perspective of HR Diagram."
12:30 pm – 12:40 pm	Hanifa Zekraoui & Cenap Ozel
	"A note on application of Linear Algebra in Biology."
	Rakib Efendiev
12:40 pm – 12:50 pm	"Spectral Analysis for one class non-self-adjoint operators with almost periodic
•	potentials."
	Mohammad Rashid Kamal Ansari
12:50 pm – 1:00 pm	"From Exact Sequences to Modules Embedded in Flat Modules."
1:00 pm – 1:10 pm	Syed Khalid Nauman
	"Linear Codes over Static Modules and Monomial Transformations."
	Q/A Session
1:10 pm – 1:20 pm	
	SESSION V: EMERGING TRENDS IN COMPUTING
	Organized by Department of Computer Science and Software Engineering Join Zoom Meeting
1:00 pm - 2:30 pm	https://us02web.zoom.us/j/85388854487?pwd=bFBwWmhZUzMydzNQdy8
1.00 pm - 2.30 pm	4QlpYUTMxUT09
	<u> </u>

	M .: ID 052 2005 1105
	Meeting ID: 853 8885 4487 Passcode: 016608
	Passcode, 010008
	Chair: Dr. Noman Javed
	The London School of Economics and Political Science, UK
	Co-Chair: Dr. Farah Naz Lakhani
	University of Leads, UK
	Keynote Speaker: Dr. Wasif Naeem
	Associate Professor
1:05 pm – 1:20 pm	Centre for Energy, Power and Intelligent Control (EPIC), School of Electronics,
	Electrical Engineering and Computer Science
	Queen's university, Belfast (QUB).
	Syeda Tooba Kazmi
1:20 pm – 1:30 pm	"Cyber Security and Android Hacking; An Awareness for Android Users."
	Renu Bala
1:30 pm - 1:40 pm	"Data Privacy Issues and Challenges: Lessons from Literature."
	Sadia Javed
1:40 pm – 1:50 pm	"SEALYC: An IoT based solution for Smart Community."
	Suaryya Obaid
1:50 pm – 2:00 pm	"Usability Evaluation of Parental Control App- Norton Family."
2.00	Hafsa Habib
2:00 pm – 2:10 pm	"Usability of Exam Sheet Grading Application."
2:10 pm – 2:20 pm	Q/A Session
	CLOSING CEREMONY
	Join Zoom Meeting
3:00 pm	https://us02web.zoom.us/j/85388854487?pwd=bFBwWmhZUzMydzNQdy8
-	4QlpYUTMxUT09 Masting ID: 952 9995 4497
	Meeting ID: 853 8885 4487 Passcode: 016608
2.00	1 4550000, 010000
3:00 pm – 3:15 pm	Shields and Certificate Distribution
	Closing Remarks by Conference Chair: Prof. Dr. Narmeen Zakaria
2.15 2.20	Bawany
3:15 pm – 3:30 pm	Jinnah University for Women, Karachi, Pakistan