
Shaheed Benazir Bhutto University

Tentative Conference Program

Organized By:
Pakistan Botanical Society (PBS), Pakistan
Shaheed Benazir Bhutto University, Sheringal, Dir Upper, KPK
### Day 1 – 27<sup>th</sup> August 2014

2:00 PM – 8:00 PM  | Registration of Participants

### Day 2 – 28<sup>th</sup> August 2014

#### Inaugural Session

<table>
<thead>
<tr>
<th>Time</th>
<th>Events</th>
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<tbody>
<tr>
<td>9:00 – 9:15</td>
<td>Guests to be seated / Arrival of the Chief Guest</td>
</tr>
<tr>
<td>9:15 – 9:20</td>
<td>Recitation from the Holy Quran</td>
</tr>
<tr>
<td>9:20 – 9:25</td>
<td>Welcome Address</td>
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<tr>
<td>9:25 – 9:30</td>
<td>Brief outline of conference</td>
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<tr>
<td>09:30 – 10:00</td>
<td>Address by Honorable Vice Chancellor Prof. Dr. Khan Bahadar Marwat S./</td>
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<tr>
<td>10:00 – 10:30</td>
<td>Address by Honorable Chief Guest</td>
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<tr>
<td>10:30 – 11:00</td>
<td>Tea Break</td>
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#### Technical Session (Video Conference Room)

**Plant Physiology / Stress Physiology / Microbial Interactions / Plant Pathology**

<table>
<thead>
<tr>
<th>Time</th>
<th>Events</th>
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<tbody>
<tr>
<td>11:00 – 11:10</td>
<td>Antimicrobial profile of different fractions of Duranta erecta against selected pathogenic strains (Akbar Jan)</td>
</tr>
<tr>
<td>11:10 – 11:20</td>
<td>Organic wastes “crop vs. Animal” management for increasing crop productivity in rice-wheat cropping system (Amanullah)</td>
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<tr>
<td>11:20 – 11:30</td>
<td>Pathogens identification and characterization that compromised citrus fruit quality in selected orchards of Sargodha (Amber Khan)</td>
</tr>
<tr>
<td>11:30 – 11:40</td>
<td>Salinity tolerance in rice as affected by application of abscisic acid and salicylic acid under hydroponic (Anser Ali)</td>
</tr>
<tr>
<td>11:50 – 12:00</td>
<td>Effect of elevated carbon dioxide and a biological control agent on the stomatal density of parthenium weed (<em>Parthenium hysterophorus</em> l.) (Asad Shabir)</td>
</tr>
<tr>
<td>12:00 – 12:10</td>
<td>Effects of plant growth regulators on seed germination physiology and early seedling development of linseed (<em>Linum usitatissimum</em> l.) (Asghari Bano)</td>
</tr>
<tr>
<td>Time</td>
<td>Presentation Title</td>
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<tr>
<td>12:10 – 12:20</td>
<td>Comparison of artificial inoculation methods to evaluate the pathogenicity of Ceratocystis manginecans from mangoes in Pakistan</td>
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<tr>
<td>12:20 – 12:30</td>
<td>Species diversity and biological activities of some selected lichens of district Mansehra, Pakistan</td>
</tr>
<tr>
<td>12:30 – 12:40</td>
<td>Evaluation of different strategies on induction of axillary buds in tea</td>
</tr>
<tr>
<td>12:40 – 12:50</td>
<td>Assessment of the phytoaccumulating capacity, growth and protein profiling of cow pea (Vigna unguiculata) grown on multi-contaminated soils</td>
</tr>
<tr>
<td>12:50 – 01:00</td>
<td>Role of Solanum surattense various fruits fractions as antiglycation and antioxidative agent in reducing diabetic complications and slowing down ageing</td>
</tr>
<tr>
<td>01:00 – 02:00</td>
<td>Lunch/ Prayer</td>
</tr>
<tr>
<td>02:00 – 02:10</td>
<td>Modeling and determination of different sizes of chickpea (Cicer arietinum l.) Seeds</td>
</tr>
<tr>
<td>02:10 – 02:20</td>
<td>The status and intensity of infection of dwarf mistletoe (Arceuthobium oxycedri (d.c) m. Bied) on juniper forests of Ziarat, Baluchistan</td>
</tr>
<tr>
<td>02:20 – 02:30</td>
<td>Cross tolerance mechanisms of osmotic and ionic stress tolerant cell lines of rice towards salinity</td>
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<tr>
<td>02:30 – 02:40</td>
<td>Comparison of DHS progenies with their parents for grain nutrients and starch traits</td>
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<tr>
<td>02:40 – 02:50</td>
<td>Evaluation of salinity tolerance of some local, non aromatic coarse rice (Oryza sativa l.) Cultivars of Sindh</td>
</tr>
<tr>
<td>02:50 – 03:00</td>
<td>Diversity of Arbuscular mycorrhizae associated with Cymbopogon jwarancusa.</td>
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<tr>
<td>03:00 – 03:10</td>
<td>Biodegradation of endosulfan by Aspergillus niger isolated from cotton fields of Punjab, Pakistan</td>
</tr>
<tr>
<td>03:10 – 03:20</td>
<td>Effect of different allelopathic extracts on weeds and wheat crop</td>
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<tr>
<td>03:20 – 03:30</td>
<td>New and noteworthy rust fungi from Deosai plains, Pakistan</td>
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<tr>
<td>03:30 – 03:40</td>
<td>Maize (Zea mays l.) Germplasm agro-morphological characterization based on descriptive, cluster and principal component analysis</td>
</tr>
<tr>
<td>03:40 – 03:50</td>
<td>Setting standards for processed dates in sindh, Pakistan</td>
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<tr>
<td>03:50 – 04:00</td>
<td>Slaughter house soil: a novel source of thermostable lipase production</td>
</tr>
<tr>
<td>04:00 – 04:10</td>
<td>Molecular systematics and evolutionary relationships of some inland gilled basidiomycetes from himalayan moist temperate forests using its-rDNA marker</td>
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<tr>
<td>04:10 – 04:20</td>
<td>Antifungal potential of Isodon rugosus (wall. Ex benth.) Stem- bark extracts</td>
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<tr>
<td>04:20 – 04:30</td>
<td>In vitro rooting and acclimatization of pineapple (Annanas comosus L.)</td>
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<tr>
<td>04:30 – 04:40</td>
<td>Ecotoxicological effects of four commonly used antibiotics on development of wheat (Triticum aestivum L.) (Maqsood Ahmad Malik)</td>
</tr>
<tr>
<td>04:40 – 04:50</td>
<td>Effect of nitrogen levels and decapitation stress on wheat (Triticum aestivum L.) Productivity (Muhammad I)</td>
</tr>
<tr>
<td>04:50 – 05:00</td>
<td>Solanum rostratum Dunal an addition to the family Solanaceae of Pakistan (Siraj ud din)</td>
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<tr>
<td>05:00 – 05:10</td>
<td>Ecological Distribution of Macro fungi From Gilgit-Baltistan (Abdul Razaq)</td>
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<tr>
<td>05:10 – 05:20</td>
<td>Application Of Holdridge Life Zones (Hlz) In Pakistan Syed Mahmood Nasir.</td>
</tr>
<tr>
<td>05:20 – 06:00</td>
<td><strong>Poster Session</strong></td>
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**Geology- Hall - II- (Parallel Session Day 2 – 28th August 2014)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>11:00– 11:10</td>
<td>Association of single nucleotide polymorphisms with agro-morphological traits in wild barely accessions collected from Israel and Jordan (Abdul Wahid Baloch)</td>
</tr>
<tr>
<td>11:10 – 11:20</td>
<td>Eco-morphological and cytogenetic analysis of different Lilium species in korea (Adnan Younis)</td>
</tr>
<tr>
<td>11:20 – 11:30</td>
<td>Studies on genetic diversity in genus Jasminum using molecular markers (Afia Jehandzeb)</td>
</tr>
<tr>
<td>11:30 – 11:40</td>
<td>Phenotyping major seed dimensions through digital image analysis of diverse bread wheat germplasm and its implications for varietal discrimination (Ahmad Ali)</td>
</tr>
<tr>
<td>11:40 – 11:50</td>
<td>Enhanced stability and shelf life of glucose oxidase by entrapment in alginate beads (Ali Nawaz)</td>
</tr>
<tr>
<td>11:50 – 12:00</td>
<td>Cloning and characterization of tahsp70 gene from stripe rust (Puccinia striiformis fsp. Triticci) inoculated wheat line n-95175 (Ali. M)</td>
</tr>
<tr>
<td>12:00 – 12:10</td>
<td>Optimization of fermentation media for the production of l-lysine by Corynebacterium glutamicum (Amjed Hussain)</td>
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<tr>
<td>12:10 – 12:20</td>
<td>Morpho-physiological study of leaf quality of Jatropha curcas (Asim Muhammad)</td>
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<tr>
<td>12:20 -12: 30</td>
<td>Comparison of cow dung compost and its slurry generated in biogas plant for agriculture use (Asjad Khan)</td>
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<tr>
<td>12:30 – 12:40</td>
<td>Molecular analysis of Pakistan wheat germplasm for cell wall invertase gene (Hadi Bux)</td>
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<tr>
<td>12:40 - 12: 50</td>
<td>Studies on the lipase production by aspergillus niger through solid state fermentation (Hamid Mukhtar)</td>
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<tr>
<td>12: 50 – 01:00</td>
<td>Response of wheat (Triticum aestivum L.) Varieties to different seed priming sources (Muhammad Javed Khan)</td>
</tr>
<tr>
<td>01:00 – 02:00</td>
<td><strong>Lunch/ Prayer</strong></td>
</tr>
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<td>Time</td>
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<tr>
<td>02:00 – 02:10</td>
<td>A study on DNA protective activity of peels of some vegetables wastes</td>
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<td>02:10 – 02:20</td>
<td>Photosynthetic pigments of wheat genotypes as affected by NACL stress and aba application</td>
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<tr>
<td>02:20 – 02:30</td>
<td>Preceding rice genotypes, residual phosphorus and zinc influence wheat productivity under rice-wheat system</td>
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<tr>
<td>02:30 – 02:40</td>
<td>Heterosis for Grain Yield and Grain Yield Components in Bread Wheat</td>
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<tr>
<td>02:40 – 02:50</td>
<td>Relationship between proteins and essential, non-essential amino acids in wheat varieties grown in K.P.K</td>
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<tr>
<td>02:50 – 03:00</td>
<td>Efficacy of aqueous extracts of different Allopathic plants on germination and growth of wheat and wild oat</td>
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<tr>
<td>03:00 – 03:10</td>
<td>Allelopathic effect of Salvia plebeia R. Brown on germination and growth of Zea mays var. 30-25 hybrid, Triticum aestivum var. Pirsaab-04 and sorghum bicolor</td>
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<tr>
<td>03:10 – 03:20</td>
<td>Identification and characterization of 25 microRNAs and their targeted proteins in apricot (Prunus armeniaca L.)</td>
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<tr>
<td>03:20 – 03:30</td>
<td>Costar bean (Ricinus communis L.) Genotyping by sds-page and RAPD collected from different environmental zones of Pakistan</td>
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<tr>
<td>03:30 – 03:40</td>
<td>Morpho-physiological analyses of selected genotypes of wheat under agro climatic conditions of Manshera</td>
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<tr>
<td>03:40 – 03:50</td>
<td>Response of chickpea (Cicer arietinum L.) Growth and yield attributes to different nutrients application in nutrient deficient soil</td>
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<tr>
<td>03:50 – 04:00</td>
<td>Chemical control of collar rot disease of chickpea</td>
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<tr>
<td>04:00 – 04:10</td>
<td>Phyllogenetic and bioinformatics analysis of OSRGLP9 gene</td>
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<tr>
<td>04:10 – 04:20</td>
<td>Molecular identifications of some macrofungal saprobes (Agaricales; Basidiomycota) based on NRDNA its region, collected from western Himalaya, Pakistan.</td>
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<tr>
<td>04:20 – 04:30</td>
<td>Conservation and red listing of fungal species found in Hindu Kush-Himalayan region of Pakistan</td>
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<tr>
<td>04:40 – 04:50</td>
<td>“golden orange” apricots fruits yield and quality as Influenced by stones crushing dust at high rates</td>
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<tr>
<td>04:50 – 05:00</td>
<td>Evaluation of allelic variation for HMW glutenin subunits through sds-page in diverse bread wheats</td>
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<tr>
<td>05:00 – 05:10</td>
<td>Effect of different macro nutrients (nitrogen and sulfur) on agronomic characters of different corn hybrids</td>
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<tr>
<td>05:10 – 06:00</td>
<td><strong>Poster Session</strong></td>
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<td>Time</td>
<td>Session</td>
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<tr>
<td>11:00–11:10</td>
<td>Palynological studies of the Family Crassulaceae from Pakistan and Kashmir and its taxonomic implications <em>(Anjum Parveen)</em></td>
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<tr>
<td>11:10–11:20</td>
<td>Livelihood security through markeetability of high valued medicinal plant biodiversity in mankial valley, hindukush range Pakistan <em>(Asadullah)</em></td>
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<tr>
<td>11:20–11:30</td>
<td>Fodder species used by the communities of Ayubia National Park Nathia Gali, Hazara <em>(Asma Jabeen)</em></td>
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<tr>
<td>11:30–11:40</td>
<td>First floristic exploration of district torghar, khyber pakhtunkhwa, Pakistan <em>(Azhar Mehmood)</em></td>
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<tr>
<td>11:40–11:50</td>
<td>An inventory of wild plants occurring in the campuses of Peshawar <em>(Bakhtiar Gul)</em></td>
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<tr>
<td>11:50–12:00</td>
<td>Maximizing farm income and livelihood opportunities through cultivation of high value medicinal and aromatic plants in district swat, Pakistan <em>(Hassan Sher)</em></td>
</tr>
<tr>
<td>12:00–12:10</td>
<td>Antimicrobial, Phytotoxic, Hemagglutination, Insecticidal and antioxidant activities of the fruits of Sarcococca saligna <em>(D. Don)</em> Muel. <em>(Bashir Ahmad)</em></td>
</tr>
<tr>
<td>12:10–12:20</td>
<td>Study of heavy metals in medicinal plants <em>(Citrullus colocynthis, Euphorbia cornigera and Rhazya stricta)</em> in Turbat region of Balochistan <em>(Manzoor Iqbal Khattak)</em></td>
</tr>
<tr>
<td>12:20–12:30</td>
<td>Diversity of arbuscular mycorrhizae associated with Oryza sativa in fields of Ahmad Pur Sial, Jhang <em>(Muhammad Shafiq Ch.)</em></td>
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<tr>
<td>12:30–12:40</td>
<td>An ethnobotanical appraisal of medicinal plants of Jamshoro <em>(sindh)</em>: a quantitative approach <em>(Ghulam Yaseen)</em></td>
</tr>
<tr>
<td>12:40–12:50</td>
<td>Wheat and curly dock competition as affected by crop and weed density <em>(Muhammad Azim Khan)</em></td>
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<tr>
<td>12:50–1:00</td>
<td>The expression of MYB and ZAT12 genes by smoke priming under salt stress conditions In rice <em>(Muhammad Jamil)</em></td>
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<tr>
<td>1:00–2:00</td>
<td>Lunch/ Prayer</td>
</tr>
<tr>
<td>2:00–2:10</td>
<td>Ethnoveterinary medicinal plants practices district Peshawar, Khyber Pakhtunkhwa Pakistan</td>
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<tr>
<td>2:10–2:20</td>
<td>Termicidal activity of plants of family Zygophyllaceae and Euphorbiaceae <em>(Ghulam Dastagir)</em></td>
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<tr>
<td>2:20–2:30</td>
<td>Ethnobotanical evaluation of medicinal plants of Sabirabad and allied peripheries district karak, khyberpukhtunkhwa, Pakistan <em>(Hassan Javed Ch.)</em></td>
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<tr>
<td>2:30–2:40</td>
<td><em>Tanacetum baltistanicum</em> Podlech: A critically endangered endemic species in gilgit-baltistan, Pakistan <em>(Jan Alam)</em></td>
</tr>
<tr>
<td>2:40–2:50</td>
<td>Biodiversity and ethnobotanical value of cultivated plants of District Bannu Khyber Pakhtunkhwa, Pakistan <em>(Jehanzeb Khan)</em></td>
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<tr>
<td>2:50–3:00</td>
<td>Phytochemical screening of some medicinal plants of District Karak <em>(KPK)</em> <em>(Khadija Ali)</em></td>
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<tr>
<td>03:00 – 03:10</td>
<td>Taxonomy, biology and conservation of <em>Rafflesia</em> (Rafflesieae) in Malaysia (A. Latif)</td>
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<tr>
<td>03:10 – 03:20</td>
<td>Weed flora in wheat fields of upper Indus Plains, Punjab, Pakistan (Manzoor Ahmad Malik)</td>
</tr>
<tr>
<td>03:20 – 03:30</td>
<td>Phytotoxic effects of <em>Calotropis procera</em>, <em>Tamarix aphylla</em> and <em>Peganum hermala</em> on plant growth of wheat and mustard (Muhammad Mudasar Aslam)</td>
</tr>
<tr>
<td>03:30 – 03:40</td>
<td>Conservation issues of medicinal plants of zewar valley Upper Chitral, Hindukush range Pakistan (Asadullah)</td>
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<tr>
<td>03:40 – 03:50</td>
<td>Diversity of alternaria alternata on phylloplane of some shrubs and trees of jinnah garden, Lahore (Muhammad Hanif)</td>
</tr>
<tr>
<td>03:50 – 04:00</td>
<td>Edible wild fruits species: source of traditional foods and medicines in swat valley Khyber Pakhtunkhwa, Pakistan (Muhammad Pukhtoon Zada Khan)</td>
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<tr>
<td>04:00 – 04:10</td>
<td>Diversity of mychorrhiza in <em>Saccharum officinarum</em> (Muhammad Shafiq Ch.)</td>
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<tr>
<td>04:10 – 04:20</td>
<td>Assisted and natural potential of heavy accumulation in <em>Pennisetum glaucum</em> (Nafees Bacha)</td>
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<tr>
<td>04:20 – 04:30</td>
<td>Medicinal plants in tehsil bahawalnagar, punjab, pakistan (Naila Sarwer)</td>
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<tr>
<td>04:30 – 04:40</td>
<td>Indigenous utilization of medicinal wild edible fruit plants from inhabitants of moist temperate Himalayas, Pakistan (Humaira Saeed)</td>
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<tr>
<td>04:40 – 04:50</td>
<td>In vitro propagation of monoembryonic mango (<em>Mangifera indica</em> L.) Varieties of Pakistan (Najam Ud Din Solangi)</td>
</tr>
<tr>
<td>04:50 – 05:00</td>
<td>Contribution to the red list of pakistan: a case study of the narrow endemic <em>Astragalus affghanus</em> Boiss. (fabaceae-papilionoideae) (Haider Ali)</td>
</tr>
<tr>
<td>05:00 – 05:10</td>
<td>Mung bean (<em>Vigna radiata</em> l.) Wilczek seedlings exhibited differential patterns of chlorophyll and proline contents in response to cadmium and chromium toxicity (Abdul Ghani)</td>
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<tr>
<td>05:10 – 06:00</td>
<td>Poster Session</td>
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**Pharmacy Hall IV**  
**Day 2 – 28th August 2014**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11:00– 11:10</td>
<td>Effect of basal and foliar feeding of mineral nutrients to common bean (<em>Phaseolus vulgaris</em> L.) (Aftab Afzal)</td>
</tr>
<tr>
<td>11:10 – 11:20</td>
<td>Assessment of relative species composition and identification of seasonal plant communities of mari dharnal reserved forest in scrub rangelands of District Chakwal (Ahmad Hussain)</td>
</tr>
<tr>
<td>11:20 – 11:30</td>
<td>Evaluation of Biochar as fertilizer for the growth of some local vegetables (Aisha Ishaq)</td>
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<tr>
<td>11:30 – 11:40</td>
<td>Impact of pre-cooling and storage temperature on post-storage peel colour development and other physico-chemical and physiological attributes of mango (Amanullah Malik)</td>
</tr>
<tr>
<td>11:40 – 11:50</td>
<td>Effect of lime and fertilizer on nitrogen mineralization potential in the beech forest stands in hopa mountain region in Artvin, Turkey (Mehmet Cuneyt)</td>
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<tr>
<td>11:50 – 12:00</td>
<td>Toxic metal effect on filamentous fungi isolated from the contaminated soil of multan and Gujranwala <em>(Anam Rasool)</em></td>
</tr>
<tr>
<td>12:00 – 12:10</td>
<td>Natural regeneration status of <em>Juniperus excelsa</em> (M. Bieb) forest in Ziarat, Balochistan <em>(Atta Muhammad Sarangzai)</em></td>
</tr>
<tr>
<td>12:10 – 12:20</td>
<td>Determination of the forest plant communities of the Peochar Valley, Hindu Raj Mountains through cluster and two way cluster analysis <em>(Aziz ur Rahman)</em></td>
</tr>
<tr>
<td>12:20 -12:30</td>
<td>Germination, growth and yield parameters of mungbean (<em>Vigna radiata</em> L.), as affected by seed priming, under hot climate of arid zone <em>(G. Abbas)</em></td>
</tr>
<tr>
<td>12:30 – 12:40</td>
<td>Study on potential impact of lowering of groundwater on date palm plantations <em>(Ghulam Sarwar Markhand)</em></td>
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<tr>
<td>12:40 - 12:50</td>
<td>Conservation assessment of <em>Meconopsis aculeata</em> Royle; a threatened endemic of pakistan and Kashmir <em>(Habib Ahmad)</em></td>
</tr>
<tr>
<td>12:50 – 01:00</td>
<td>Vegetation structure, composition, diversity and dynamics of Conifer dominating forests of Malam Jabba, Swat, Khyber Pakhtunkhwa province of Pakistan <em>(M. Faheem Siddiqui)</em></td>
</tr>
<tr>
<td>01:00 – 02:00</td>
<td>Lunch/ Prayer</td>
</tr>
<tr>
<td>02:00 – 02:10</td>
<td>The role of exotic eucalyptus leaf litter and leaf litter ash in suppressing <em>Prosopis cineraria</em>, a native tree of pai-reserve forest <em>(F.A Bughio)</em></td>
</tr>
<tr>
<td>02:10 – 02:20</td>
<td>Distribution and structure of conifer stands with special emphasis on <em>Taxus buccata</em> in moist temperate forests of kashmir Himalayas <em>(Hamayun Shahee)</em></td>
</tr>
<tr>
<td>02:20 – 02:30</td>
<td>Linkages between spatial variations in herbaceous vegetation and edaphic factors along simil lake, Islamabad <em>(Iqra Afzal)</em></td>
</tr>
<tr>
<td>02:30 – 02:40</td>
<td>Geographical Distribution of Purple Blotch of <em>Allium cepa</em> L. (Onion) in Punjab, Pakistan <em>(Justina Jane)</em></td>
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<tr>
<td>02:40 – 02:50</td>
<td>Floristic inventory, ecological characteristics and biological spectrum of Parachinar Kurram agency, Pakistan <em>(Lal Badshah)</em></td>
</tr>
<tr>
<td>02:50 – 03:00</td>
<td>Phytoextraction of chromium from contaminated soil by okra (<em>Hibiscus esculentus</em> L.) <em>(Hira Amin)</em></td>
</tr>
<tr>
<td>03:00 – 03:10</td>
<td>Effect of plant-derived smoke solutions on Physiological and biochemical characterization Of maize (<em>Zea mays</em> L.) Under salt stress <em>(M.A Waheed)</em></td>
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<tr>
<td>03:10 – 03:20</td>
<td>The ecology of Arbuscular-mycorrhizal fungi (AMF) under different cropping regimes <em>(Madiha Saeed)</em></td>
</tr>
<tr>
<td>03:20 – 03:30</td>
<td>Estimation of nitrous oxide and carbon dioxide emissions from synthetic fertilizers applied by tobacco growers in Khyber Pakhtunkhwa, Pakistan <em>(Majid Hussain)</em></td>
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<tr>
<td>03:30 – 03:40</td>
<td>Vegetation studies of Kabal Valley, District Swat, Pakistan using multivariate approach <em>(Muhammad Ilyas)</em></td>
</tr>
<tr>
<td>03:40 – 03:50</td>
<td>Influence of low temperature storage and exogenous ethylene treatment on physico-chemical fruit quality of ‘sindhri’ and ‘Samar Bahisht Chauns’ mangoes <em>(M. Amin)</em></td>
</tr>
<tr>
<td>03:50 – 04:00</td>
<td>Investigation of plant based activated carbon efficiency for cr(vi) removal from wastewater <em>(Muhammad Farhan)</em></td>
</tr>
<tr>
<td>04:00 – 04:10</td>
<td>Phytotoxicity of <em>Parthenium (Parthenium hysterophorus</em> L.) Plant parts against wheat (<em>Triticum aestivum</em> L.) And their associated weeds <em>(Muhammad Ishfaq Khan)</em></td>
</tr>
<tr>
<td>Time</td>
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<tr>
<td>04:10 – 04:20</td>
<td>Estimation of grass productivity and carrying capacity in the degrading rangelands of Cholistan desert (Muhammad Rafay)</td>
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<tr>
<td>04:20 – 04:30</td>
<td>Enhancement of phosphorus solubility from rock phosphate (Muhammad Sharif)</td>
</tr>
<tr>
<td>04:30 – 04:40</td>
<td>Examining relationship between environmental gradients and lesser himalayan forest vegetation of nikyal valley, azad jammu and kashmir using ordination analysis (Muhammad Shoab Amjad)</td>
</tr>
<tr>
<td>04:40 – 04:50</td>
<td>Spruce tree-rings growth and gilgit river flow correlation in himalayan from northern area of Pakistan (Muhammad Wahab)</td>
</tr>
<tr>
<td>04:50 – 05:00</td>
<td>Environmental tobacco smoke exposure of children in lahore, Pakistan (Hamid Mukhtar)</td>
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<tr>
<td>05:00 – 05:10</td>
<td>SSR markers associated with Proline in Drought tolerant Wheat Germplasm (Amer Jamil)</td>
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<tr>
<td>05:10 – 06:00</td>
<td>Poster Session</td>
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</table>

**Day 3 – 29th August 2014**

**09:00 – 09:20**
Key Note Lecture II

**TECHNICAL SESSION: SIMULTANEOUS BEGGING IN THEIR RESPECTIVE HALLS**

**Video Conference Room (Hall 1) Day 3 – 29th August 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter/Details</th>
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</thead>
<tbody>
<tr>
<td>09:20 – 09:30</td>
<td>Wheat growth and yield response to phosphorous and biofertilizer with and without moisture stress conditions (Amanullah)</td>
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<tr>
<td>09:30 – 09:40</td>
<td>The combined effect of biological control with plant competition on the management of parthenium weed (<em>parthenium hysterophorus</em> L.) (Asad Shabir)</td>
<td></td>
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<tr>
<td>09:40 – 09:50</td>
<td>Effect of various levels of npk on crop growth and yield of sunflower hybrids grown under autumn seasons (Jehan Bakht)</td>
<td></td>
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<tr>
<td>09:50 – 10:00</td>
<td>Flora in fired and unfired forest in Balakot hills Hazara, Khyber Pakhtunkhwa Pakistan (Dr. Kiramat and Hassan Sher)</td>
<td></td>
</tr>
<tr>
<td>10:00 – 10:10</td>
<td>Potential distribution of endemic <em>Scutellariach medrifolia</em>; geographic information system and statistical model approach (Habib Ahmad)</td>
<td></td>
</tr>
<tr>
<td>10:10 – 10:20</td>
<td>Molecular characterization of bacterial strains isolated from fenitrothion and diamethioate contaminated soils of district gujrat, Pakistan (Hamid Mukhtar)</td>
<td></td>
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<tr>
<td>10:20 – 10:30</td>
<td>Evaluating the threshold levels of <em>Neslia apiculata</em> in wheat and its effects on crop yield losses in swat valley of Khyber Pakhtunkhwa (Muhammad Azim Khan)</td>
<td></td>
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<tr>
<td>10:30 – 11:00</td>
<td>Tea Break</td>
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<tr>
<td>11:00 – 11:10</td>
<td>New records of some noteworthy mushrooms from Swat (Ishtiaq Ahmad)</td>
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<tr>
<td>11:10 – 11:20</td>
<td>Mycoflora and mycotoxins associated with selected dried fruits in local markets of Abbottabad (Muhammad Farooq)</td>
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<tr>
<td>Time</td>
<td>Title</td>
<td>Speaker</td>
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<tr>
<td>11:20 – 11:30</td>
<td>Relationship between intrinsic water use efficiency and spot blotch (<em>Cochliobolus sativus</em>) resistance in diverse wheat germplasm (<em>Muhammad Jamil</em>)</td>
<td></td>
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<tr>
<td>11:30 – 11:40</td>
<td>Weeds-derived smoke solution might improve plant growth? (<em>Muhammad Mudasar Aslam</em>)</td>
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<tr>
<td>11:40 – 11:50</td>
<td>Diversity of arbuscular mycorrhizal fungi in rhizosphere of <em>Moringa oleifera</em> (<em>Muhammad Shafiq Ch</em>)</td>
<td></td>
</tr>
<tr>
<td>11:50 – 12:00</td>
<td>Effect of rock phosphate and farmyard manure applied with effective microorganisms on the yield and nutrients uptake of wheat and sunflower (<em>Muhammad Sharif</em>)</td>
<td></td>
</tr>
<tr>
<td>12:00 – 12:10</td>
<td>Synthesis and characterization of starch-urea-boraxadhesives for Coating the slow release urea (<em>Muhammad Yasin Naz</em>)</td>
<td></td>
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<tr>
<td>12:10 – 12:20</td>
<td>New species and host records of rust fungi (Uredinales) on ferns (Pteridophytes) from khyber pakhtunkhwa, Pakistan (<em>N.S Afshan</em>)</td>
<td></td>
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<tr>
<td>12:20 – 12:30</td>
<td>Two new vasscellum species (Gasteroid fungi; Basidiomycetes) from Pakistan (<em>N. Yousaf</em>)</td>
<td></td>
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<tr>
<td>12:30 – 12:40</td>
<td>Study of antimicrobial activity of <em>Justicea californica</em> (<em>Nabeela Shafique</em>)</td>
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<tr>
<td>12:40 – 12:50</td>
<td>Study on species diversity of rust fungi in Ushu valley, Pakistan (<em>A. Ishaq</em>)</td>
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<tr>
<td>12:50 – 01:00</td>
<td>Nutrient management for improving rice productivity (<em>Azhar Hussain Shah</em>)</td>
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<tr>
<td>01:00 – 02:00</td>
<td>Lunch/ Prayer</td>
<td></td>
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<tr>
<td>02:00 – 02:10</td>
<td>Effect of weeds and soil amendments on nutrient uptake in rice (<em>Nighat Sana</em>)</td>
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<tr>
<td>02:10 – 02:20</td>
<td>Isolation and characterization of Fungi from stone monuments of Dharmarajika, Taxila (<em>Muhammad Farooq</em>)</td>
<td></td>
</tr>
<tr>
<td>02:20 – 02:30</td>
<td>Soluble salts in soil’s root zone, drainage water under functional and non-functional subsurface tile drainage system (<em>Pir Muhammad Khan</em>)</td>
<td></td>
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<tr>
<td>02:30 – 02:40</td>
<td>Systematic study of some common plants of Balochistan (<em>Rasool Bakht Tareen</em>)</td>
<td></td>
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<tr>
<td>02:40 – 02:50</td>
<td>Dry matter partitioning and grain yield of wheat varieties as affected by phosphorus levels and application methods (<em>Raees Zaman</em>)</td>
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</tr>
<tr>
<td>02:50 – 03:00</td>
<td>Palatability, seasonal availability and animal preference of native forage species from northern nara desert, Pakistan (<em>Rahmatullah Qureshi</em>)</td>
<td></td>
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<tr>
<td>03:00 – 03:10</td>
<td>Biological control of basal rot of onion by <em>trichoderma</em> and leaves of <em>Withania somnifera</em> (<em>Roma Akhtar</em>)</td>
<td></td>
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<tr>
<td>03:10 – 03:20</td>
<td>Morphological characterization of some metal resistant fungal species from lab cultures (<em>Rubab Shehzadi</em>)</td>
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<tr>
<td>03:20 – 03:30</td>
<td>Physiological and metabolic changes in cotton callus culture under cadmium stress (<em>S. J Zhu</em>)</td>
<td></td>
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<tr>
<td>03:30 – 03:40</td>
<td>In vitro evaluation of some fungicides against common fungal pathogen of early blight and fruit rot of tomatoes (<em>Sadiq ullah</em>)</td>
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<tr>
<td>03:40 – 03:50</td>
<td>Differences in leaf ion compartmentation: a possible mechanism of salt tolerance in <em>Zygophyllum propinquum</em> decne (Saeeda Abro)</td>
<td></td>
</tr>
<tr>
<td>03:50 – 04:00</td>
<td>Quantification of wheat (<em>Triticum aestivum</em> L.) Leaves contribution to grain yield through defoliation technique (Safdar Hussain)</td>
<td></td>
</tr>
<tr>
<td>04:00 – 04:10</td>
<td>Isolation, identification and characterization of forest soil bacteria, a case study from scrub forest and Himalayan moist temperate forests of pakistan. (Saima Bibi)</td>
<td></td>
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<tr>
<td>04:10 – 04:20</td>
<td>Characterization of biologically active constituents of <em>Suaeda fruticosa</em> (Samiullah)</td>
<td></td>
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<tr>
<td>04:20 – 04:30</td>
<td>Elemental analysis of plant derived smoke solutions and their effect on seed germination and plant growth (Shahid Irfan/Shakirullah Khan)</td>
<td></td>
</tr>
<tr>
<td>04:30 – 04:40</td>
<td>Isolation of pgrps from rhizospheric soil of halophytes and its impact on maize (zea mays L.) Under induced soil salinity (Samiullah)</td>
<td></td>
</tr>
<tr>
<td>04:40 – 04:50</td>
<td>Effects of plant growth regulators on physiology of seed germination and early seedling development of linseed (<em>Linum usitatissimum</em> L.) (Faizan ullah)</td>
<td></td>
</tr>
<tr>
<td>04:50 – 05:00</td>
<td>An improved protocol for acclimatization of orchids (A.A. Mirani)</td>
<td></td>
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<tr>
<td>05:00 – 05:10</td>
<td>Characterization and evaluation of nitrogen fixing bacteria from pea crop at Swabi (Abdul Waheed)</td>
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<tr>
<td>05:10 – 06:00</td>
<td>Concluding Session and Certificate Distribution</td>
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**Geology Hall (Hall 2) (Parallel Session Day 3 – 29th August 2014)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>09:20 – 09:30</td>
<td>Pharmacological evaluation of <em>Trigonella monspeliaca</em> collected from district bannu, kpk, Pakistan. (Mushtaq Ahmed)</td>
</tr>
<tr>
<td>09:30 – 09:40</td>
<td>Pilot scale volume optimization of inoculum, fermentation media and aeration rate for the production of glucose oxidase by uv mutant strain of aspergillus niger an-14 (Ali Nawaz)</td>
</tr>
<tr>
<td>09:40 – 09:50</td>
<td>Comparative analyses of wheat genotypes for yield and associated traits (Azhar Hussain Shah)</td>
</tr>
<tr>
<td>09:50 – 10:00</td>
<td>Mutagenic strain (<em>fusarium oxysporum</em>) improvement for enhanced production of extracellular lipase and its subsequent partial purification and characterization (Faizan Akram/ Tehreema Iftikhar)</td>
</tr>
<tr>
<td>10:00 – 10:10</td>
<td>Random mutagenesis of corynebacterium glutamicum for enhanced production of L-Lysine (Hamid Mukhtar)</td>
</tr>
<tr>
<td>10:10 – 10:20</td>
<td>Effect of salinity and seed priming on growth of barley (<em>Hordeum vulgare</em> L.) (Muhammad Shafi)</td>
</tr>
<tr>
<td>10:20 – 10:30</td>
<td><em>Cocculus laurifolius</em>: a rich antimicrobial antioxidant and phyttochemicals source (Muhammad Ajaib)</td>
</tr>
<tr>
<td>10:30 – 11:00</td>
<td>Tea Break</td>
</tr>
<tr>
<td>11:00 – 11:10</td>
<td>Stabilily and activation profile of alkaline protease produced from <em>Bacillus subtilis</em> (Hamid Mukhtar)</td>
</tr>
<tr>
<td>11:10 – 11:20</td>
<td>Bioactivity of mycotoxins isolated from a plant pathogenic fungus <em>Drechslera hawaiensis</em> (Muhammad Akbar)</td>
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<td>Time</td>
<td>Presentation</td>
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<tr>
<td>11:20 – 11:30</td>
<td>Prediction of grain yield losses in wheat (<em>Triticum aestivum</em> L.) Under different densities of wild oats (<em>Avena fatua</em> L.) (Muhammad Azim Khan)</td>
</tr>
<tr>
<td>11:30 – 11:40</td>
<td>Genetic isolation of drought tolerant for seedcotton yield in cotton genotypes by using divergent irrigation treatment regimes (Muhammad Hussain Soomro)</td>
</tr>
<tr>
<td>11:40 – 11:50</td>
<td>Screening of 160 japanese medicinal plants volatiles for allelopathic activity through dishpack method (Muhammad Ibrar Shinwari)</td>
</tr>
<tr>
<td>11:50 – 12:00</td>
<td>Effects of gibberellic acid and abscisic acid seed priming on physiological, biochemical and metabolic processes of rice under salt stress (Muhammad Jamil)</td>
</tr>
<tr>
<td>12:00 – 12:10</td>
<td>Potential of microbial and plant’s β-glucans toward lowering of LDL and enhancing of HDL (Muhammad Mohsin Javed)</td>
</tr>
<tr>
<td>12:10 – 12:20</td>
<td>Evaluation of bread wheat (<em>Triticum aestivum</em> L.) Germplasm for heat tolerance (Munazza Nazir)</td>
</tr>
<tr>
<td>12:20 -12: 30</td>
<td>Impact of K⁺ application and water availability on accumulation of compatible solutes and growth of brassica napus genotypes under greenhouse conditions (Murad Ahmed)</td>
</tr>
<tr>
<td>12:30 – 12:40</td>
<td>Influence of seed priming with ZnSO₄ and CuSO₄ on germination and seedling growth of brassica rapa under NACL stress (Nabil Begum/ Zafar Iqbal)</td>
</tr>
<tr>
<td>12:40 - 12: 50</td>
<td>Light and scanning electron microscopy of some species of genus <em>Solanum</em> (<em>Solanaceae</em>) with special reference to the importance of trichomes. (Nabila Shah Jilani)</td>
</tr>
<tr>
<td>12: 50 – 01:00</td>
<td>Comparative study of phytochemicals and antioxidant activities of garcinia hombroniana and garcinia mangostana (Nargis Jamila)</td>
</tr>
<tr>
<td>01:00 – 02:00</td>
<td>Lunch/ Prayer</td>
</tr>
<tr>
<td>02:00 – 02:10</td>
<td>Effect of heavy metal and edta application on plant growth and phyto-extraction potential of sorghum (<em>Sorghum bicolor</em> L.) (Nafees Bacha)</td>
</tr>
<tr>
<td>02:10 – 02:20</td>
<td>In vitro propagation of morchella esculenta and study of its life cycle (Nazish Kanwal)</td>
</tr>
<tr>
<td>02:20 – 02:30</td>
<td>Effect of γ-irradiation on the volatile flavor profile of fennel (<em>Foeniculum vulgare</em> Mill.) From Pakistan (Kyong su Kim)</td>
</tr>
<tr>
<td>02:30 – 02:40</td>
<td>Radiofrequency radiations induced genotoxic and carcinogenic effects in chickpea (<em>Cicer arietinum</em> L.) Root tip cells (Sadaf Tabasum Qureshi)</td>
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<tr>
<td>02:40 – 02:50</td>
<td>Genetic variability and correlation studies for some yield and yield contributing traits in Fennel (<em>Foeniculum vulgare</em>) (Sajjad Hussain)</td>
</tr>
<tr>
<td>02:50 – 03:00</td>
<td>A study on DNA protective ability of peels of different citrus species (Nehrish Nisar)</td>
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<tr>
<td>03:00 – 03:10</td>
<td>Molecular phylogeny of Boletes: <em>Boletus luridiformis</em> and <em>Xerocomellus rubellus</em> from different coniferous forests of Pakistan (Samina Srwar)</td>
</tr>
<tr>
<td>03:10 – 03:20</td>
<td>Molecular phylogeny and morphological characterization of <em>Russula livescens</em> and its ectomycorrhizae from mixed coniferous forests of pakistan (Sana Jabeen)</td>
</tr>
<tr>
<td>03:20 – 03:30</td>
<td>Ethylenediurea (edu) - induced changes in two canola cultivars differing in air pollution tolerance (Shakil Ahmed)</td>
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<tr>
<td>03:30 – 03:40</td>
<td>Hyperdiverse ectomycorrhizal fungal communities associated with alnus nitida (betulaceae) in himalayan forests of galyat, Pakistan (Sobia Ilyas)</td>
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<tr>
<td>03:40 – 03:50</td>
<td>Isolation of myo-inositol and α-d-glucose-sodium chloride-water complex and biological activities of different fractions of incarvillea emodi (wall. Ex lindl.) Chatterjee (Uzma Khan)</td>
</tr>
<tr>
<td>03:50 – 04:00</td>
<td>Isolation and characterization of arsenic resistant bacteria and their role in bioremediation (Wageha Talib)</td>
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<tr>
<td>04:00 – 04:10</td>
<td>Effect of sowing dates and seed rates on the agro-physiological traits of wheat (Wajid Ali Khattak)</td>
</tr>
<tr>
<td>04:10 – 04:20</td>
<td>Physalis ixocarpa: a new specie of genus physalis from mountainous region of district shangla, kpk Pakistan (Wajid Khan)</td>
</tr>
<tr>
<td>04:20 – 04:30</td>
<td>Growth traits of wheat (Triticum aestivum L.) Genotypes as affected by seed priming and salinity (Yousaf Jamal)</td>
</tr>
<tr>
<td>04:30 – 04:40</td>
<td>Analysis of potato varieties for their genetic diversity using randomly Amplified polymorphic DNA primers (Zamarud Shah)</td>
</tr>
<tr>
<td>04:40 – 04:50</td>
<td>Altitudinal variation in stem density of Pinus gerardiana in Sheringal valley (Adnan Ahmad)</td>
</tr>
<tr>
<td>04:50 – 05:00</td>
<td>Taxonomic study of some mushrooms of changa manga plantation based on morphological and molecular characterization (A.R. Niazi)</td>
</tr>
<tr>
<td>05:00 – 05:10</td>
<td>An overview of insecticidal activity of plants extracts (Farzana Parveen)</td>
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<tr>
<td>05:10 – 06:00</td>
<td>Concluding Session and Certificate Distribution</td>
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**SHARC HALL (HALL No. 3) (Parallel Session Day 3 – 29th August 2014)**

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<tbody>
<tr>
<td>09:20 – 09:30</td>
<td>Anti-rheumatic potential of medicinal plants in Pakistan (Mustafa Kamal)</td>
</tr>
<tr>
<td>09:30 – 09:40</td>
<td>Folk remedies practiced in isolated area of Hindukush Range Maidan valley District Dir (L) Pakistan (Asadullah)</td>
</tr>
<tr>
<td>09:40 – 09:50</td>
<td>Floristic composition and biological spectrum of the vegetation of Nikyal valley, District Kotli Azad jammu and Kashmir (Muhammad Shoaib Amjad)</td>
</tr>
<tr>
<td>09:50 – 10:00</td>
<td>The root growth response of a c₃ invasive weed and c₃/c₄ pasture plants under enriched atmospheric co₂ level (Naeem Khan)</td>
</tr>
<tr>
<td>10:00 – 10:10</td>
<td>Dichrostachyoxylon chinjensis sp. Nov., a new fossil Species of the family fabaceae from chinji formation, salt range, punjab, Pakistan (Noor ul Ain Soomro)</td>
</tr>
<tr>
<td>10:10 – 10:20</td>
<td>Study of buckwheat (Fagopyrum esculentum) as an antioxidant (Rabia Abbasi)</td>
</tr>
<tr>
<td>10:20 – 10:30</td>
<td>Medicinal uses of trees and shrubs by the inhabitants of northern nara desert, Pakistan (Rahmatullah Qureshi)</td>
</tr>
<tr>
<td>10:30 – 11:00</td>
<td><strong>Tea Break</strong></td>
</tr>
<tr>
<td>11:00 – 11:10</td>
<td>Role of Azadiractha indica and Chrysanthium cariantum leaf extract as protectants against tribolium castaneum on stored grains of wheat (Rehana Bibi)</td>
</tr>
<tr>
<td>11:10 – 11:20</td>
<td>Biological screening of polarity based extracts of leaves, seeds and seed oil of Sisymbrium trio L (Zia ur Rahman Mashwani)</td>
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<tr>
<td>11:20 – 11:30</td>
<td>Evaluation of the conservation status of rhododendron Afghanicum Aitch. &amp; Hemsl. (Said Muhammad)</td>
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<tr>
<td>11:30 – 11:40</td>
<td>Anti diabetic and antioxidant potential of pandanus tectorius (Salma Sundus)</td>
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<tr>
<td>11:40 – 11:50</td>
<td>Threat of the alien invasive species of District Nowshera, Khyber Pakhtunkhwa, Pakistan (Sajjad Ali)</td>
</tr>
<tr>
<td>11:50 – 12:00</td>
<td>First Report on Fungi Associated with Postharvest Quality Deterioration of Fragaria Xannasa (Strawberry) at Green Markets of Lahore (Salik Nawaz Khan)</td>
</tr>
<tr>
<td>12:00 – 12:10</td>
<td>Effect of foliar nutrients application on growth of chickpea (Cicer arietinum L.) in nutrient deficient soil (Zafar Iqbal)</td>
</tr>
<tr>
<td>12:10 – 12:20</td>
<td>Biological screening of polarity based extracts of leaves, seeds and seed oil of Sisymbrium irio L (Shabnam Bibi / Zia Ur Rehman)</td>
</tr>
<tr>
<td>12:20 – 12:30</td>
<td>Study of the medicinal plants used by the local community of area Koh Chitral, Khyber Pakhtunkhwa, Pakistan (Sher Wali)</td>
</tr>
<tr>
<td>12:30 – 12:40</td>
<td>A taxonomic and phylogenetic study of polyporales (basidiomycota) of malakand region, khyber pakhtunkhwa, Pakistan (Shah Hussain)</td>
</tr>
<tr>
<td>12:40 – 12:50</td>
<td>Response of maize cultivars to phosphorus and zinc nutrition (Shahen Shah)</td>
</tr>
<tr>
<td>12:50 – 01:00</td>
<td>Effect of intercropping on root rot disease and agronomic performance of groundnut (Shakil Ahmad)</td>
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<tr>
<td>01:00 – 02:00</td>
<td>Lunch/ Prayer</td>
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<tr>
<td>02:00 – 02:10</td>
<td>Influence of phosphorus levels and application methods on yield and yield components of wheat. (Shazma A)</td>
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<tr>
<td>02:10 – 02:20</td>
<td>Threat of the alien invasive species of District Nowshera, Khyber Pakhtunkhwa, Pakistan (Sher Wali)</td>
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<tr>
<td>02:20 – 02:30</td>
<td>Study wheat plant Resistance, Through A Novel Technique; Direct Current Electrical Penetration Graph (DC-EPG) (Shah Alam Khan)</td>
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<tr>
<td>02:30 – 02:40</td>
<td>Medicinal plants of turmic valley (central karakoram national park), Gilgit-Baltistan, Pakistan (Sher Wali Khan)</td>
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<tr>
<td>02:40 – 02:50</td>
<td>Ordinal classification of riparian vegetation along Mangla Dam (Shiekh Saeed Ahmad)</td>
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<td>02:50 – 03:00</td>
<td>Correlating plants importance values with its use value to assess anthropogenic pressures on vegetation of the western Himalayas; method development (Shuja Ul Mulk)</td>
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<tr>
<td>03:00 – 03:10</td>
<td>Distribution and Incidence of charcoal rot of Sesamum indicum L. (Sesame) in Punjab, Pakistan (Shumaila farooq / Salik Nawaz Khan)</td>
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<tr>
<td>03:10 – 03:20</td>
<td>Soliva pterosperma (Juss.) Less. An addition to the flora of Pakistan (Siraj Ud Din)</td>
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<td>03:20 – 03:30</td>
<td>Floristic composition, biological spectrum and phenology of vegetation of Tehsil Havelian, Abbottabad, Pakistan (Summaira Shaheen)</td>
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<td>03:30 – 03:40</td>
<td>New records of Lepiotaceous fungi from Lahore, pakistan (Tayyaba Qasim)</td>
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<td>03:40 – 03:50</td>
<td>Pathogenicity test of different fungi on date palm (<em>Phoenix dactylifera</em> L.) in Khairpur, Pakistan. <em>(Wazir Ali Maitlo)</em></td>
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<tr>
<td>03:50 – 04:00</td>
<td>Effects of irrigation and fertilizer management on tomato growth, nutrient absorption and utilization in greenhouse <em>(Xing Ying Ying)</em></td>
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<td>04:00 – 04:10</td>
<td>Genetic variations within and among date palm (<em>Phoenix dactylifera</em> L.) Accessions from Pakistan <em>(Zafar Iqbal)</em></td>
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<td>04:10 – 04:20</td>
<td>Foliar micromorphology as an aid in taxonomy of <em>Salvia</em> L. (Lamiaceae) species from central Punjab, Pakistan <em>(Sana Hussain)</em></td>
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<tr>
<td>04:20 – 04:30</td>
<td>Medicinal and edible plants used by Balti community of the Tormik valley in Baltistan, Karakoram range of mountains <em>(Zaheer Abbas)</em></td>
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<td>04:30 – 04:40</td>
<td>Nutraceutical assessment and evaluation of antioxidant activity of wild vegetable <em>Rumex hestatus</em> (Polygonaceae) <em>(Zia-ur-rehman Mashwani)</em></td>
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<td>04:40 – 04:50</td>
<td>Stone dust exposure risk on stone crushing workers and three different plant species in the vicinity of stone crushers <em>(Saadullah Leghari)</em></td>
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<td>04:50 – 05:00</td>
<td>Evaluation of varietal diversity of date palm in Sindh, Pakistan <em>(Abdul Qayoom Mahar)</em></td>
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<td>05:00 – 06:00</td>
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**Pharmacy Hall (Hall No. 4)  (Parallel Session Day 3 – 29th August 2014)**

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<th>Time</th>
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<td>Exploring germinating potential of tree species in domestic wastewater for use in urban forestry <em>(Amina Kanwal)</em></td>
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<td>09:30 – 09:40</td>
<td>Screening of Pakistani wheat (<em>Triticum aestivum</em> L.) Varieties for Thermotolerance against heat shocks <em>(Farhat Yasmeen)</em></td>
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<td>09:40 – 09:50</td>
<td>Biodiversity conservation in urban environment: the case of Ayer Hitam forest, Malaysia <em>(Faridah Hanum)</em></td>
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<td>09:50 – 10:00</td>
<td>Natural plant based solution for industrial wastewater <em>(Amina Kanwal)</em></td>
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<td>10:00 – 10:10</td>
<td>Soil carbon sequestration along an altitudinal gradient in different land use categories in lesser Himalayan foot hills <em>(Hamayun Shaheen)</em></td>
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<td>10:10 – 10:20</td>
<td>Performance of different wheat cultivars in different methods of sowing under the agro ecological conditions of Dera Ghazi Khan <em>(Muhammad Ahmad)</em></td>
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<td>10:20 – 10:30</td>
<td>Nutrient regime for management of groundnut root rot in Punjab, Pakistan <em>(Shakil Ahmad)</em></td>
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<td>10:30 – 11:00</td>
<td>Tea Break</td>
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<td>11:00 – 11:10</td>
<td>Pytosociological studies in wheat fields of District Charsadda, Khyber Pakhtunkhwa province, Pakistan <em>(Fawad Ali/ Gul Hassan)</em></td>
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<td>11:10 – 11:20</td>
<td>Effect of Sodium Salt (NaCl) on Phytoremediation of Cadmium (Cd) Contaminated Water and Soil by Selected Plant Species <em>(Fazal Hadi)</em></td>
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<td>11:20 – 11:30</td>
<td>Seaweed bio-fertilizer for the management of root rotting fungi and root knot nematode affecting cotton crop</td>
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<td>11:30 – 11:40</td>
<td>Field evaluation of eight balochistani date palm</td>
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<td>11:40 – 11:50</td>
<td>Agronomic performance of some exotic varieties of canola</td>
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<td>11:50 – 12:00</td>
<td>Biomimetic and Greenly synthesized silver mediated nanoparticles of</td>
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<td>Euphorbia wallichii Hook. With Antioxidant and Cytotoxic Efficacy</td>
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<td>12:00 – 12:10</td>
<td>Assessment of seasonal variation in nutritional quality of major</td>
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<td>forage species in rangelands of Dhurnal, Chakwal</td>
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<td>12:10 – 12:20</td>
<td>Effect of fluorides on air, water, soil and vegetation in peripheral</td>
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<td>areas of brick kiln of Rawalpindi</td>
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<td>12:20 -12:30</td>
<td>Response of maize to phosphorus, foliar application of zinc and its</td>
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<td>12:30 – 12:40</td>
<td>Evaluation of Pakistani wheat landraces for stripe rust resistance and</td>
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<td>yield contributing traits</td>
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<td>12:40 - 12:50</td>
<td>Effect of plant-derived smoke extracts on pollen germination and</td>
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<td>12: 50 – 01:00</td>
<td>Heavy metal load assessment of peri-urban agricultural areas of</td>
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<td>Punjab and their toxicological implications</td>
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<td>01:00 – 02:00</td>
<td>Lunch/ Prayer</td>
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<td>02:00 – 02:10</td>
<td>Effect of chromogenic bacteria on plant growth alone or in</td>
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<td>combination with plant derived smoke</td>
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<td>02:10 – 02:20</td>
<td>An investigation into the effects of tropospheric ozone on bean</td>
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<td>plants</td>
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<td>02:20 – 02:30</td>
<td>In-vitro antibacterial study of <em>Taraxacum officinale</em> leaves extracts</td>
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<td>against different bacterial pathogenic strains</td>
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<td>02:30 – 02:40</td>
<td>Invitro assessment of contaminated soil of Gujranwala and Lahore by</td>
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<td>local plants through uptake and accumulation of toxic metals</td>
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<td>02:40 – 02:50</td>
<td>Floristic studies of phenarogame of district shangla, Pakistan</td>
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<td>02:50 – 03:00</td>
<td>Incidence of Myrothecium Leaf Spot of <em>Momordica charantia</em> L. in</td>
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<td>Agroecological Zones of Punjab, Pakistan</td>
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<td>03:00 – 03:10</td>
<td>Simultaneous effects of charcoal rot pathogen and copper on seed and</td>
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<td>seedling growth of <em>vigna mungo</em> L</td>
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<td>03:10 – 03:20</td>
<td>Impact of mycorrhizospheric fluorescent pseudomonas on root rot</td>
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<td>disease of sunflower and population of various mycorrhizae</td>
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<td>03:20 – 03:30</td>
<td>Ecology of grasslands in denizli, türiye</td>
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<td>03:30 – 03:40</td>
<td>Management of <em>Macrophomina phaseolina</em> by extracts of an allelopathic</td>
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<td>grass <em>Imperata cylindrical</em></td>
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<tr>
<td>03:40 – 03:50</td>
<td>Evaluation of foliar rust disease severity of wheat and pathological assessment of different rust pathogens isolated from rainfed areas of Punjab, Pakistan (Syeda Qamar Batool)</td>
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<tr>
<td>03:50 – 04:00</td>
<td>Effect of rhizobium, VAM and rock phosphate inoculation on Desmodium adscendens (Tabassum Yaseen)</td>
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<td>Use of distance-statistics for the disease mapping of the foliar rust disease on wheat crop in Chakwal District-Pakistan (Taiba Afreen)</td>
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<tr>
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<td>Assessment of genetic diversity and trait association under yellow rust pressure in elite bread wheat yield trial (EBWYT) (Zahid Mahmood)</td>
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<tr>
<td>04:20 – 04:30</td>
<td>Heterosis and heterobeltiosis studies for grain yield and its related traits in different wheat crosses (Shahzadi Mahpara)</td>
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<tr>
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<td>Phytogeographic analysis and diversity of the grasses and sedges (poales) of northern Pakistan (Zahid Ullah)</td>
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<td>Cultural uses of plants among basikhel tribe of district Tor ghar, Khyber Pakhtunkhwa, Pakistan (Abbas Hssain Shah)</td>
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<td>04:50 – 05:00</td>
<td>Effect of cadmium toxicity on the growth and productivity parameters of Trigonella foenum granceum Linn. (Abdul Ghani)</td>
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