Curriculum VitaeDr. ABDUL REHMAN KHAN NIAZI

CURRENT POSITION

Professor
Institute of Botany
University of the Punjab, Lahore
Pakistan.
Email: drarniazi.botany@pu.edu.pk
mushroomniazi@gmail.com
Cell: +92-3014474124

➢ SERVICE RECORD

Professor (BPS) **10-07-2023 To—date**
Institute of Botany, University of the Punjab,
Lahore, Pakistan

Associate Professor (BPS) **22-10-2019 to 10-7-2023**
Institute of Botany, University of the Punjab,
Lahore, Pakistan

Assistant Professor (TTS) **19-10-2017 to 21-10-2019**
Department of Botany, University of the Punjab,
Lahore, Pakistan

Assistant Professor (BS 19) **01-04-2011 to 19-10-2017**
Department of Botany, University of the Punjab,
Lahore, Pakistan

Curator cum Lecturer (BS 17) **30-04-2010 to 31-03-2011**
Contract
Department of Botany, University of the Punjab,
Lahore, Pakistan

Herbarium Curator (BS 17) **30-07-2009 to 29-04-2010**
Contract
Department of Botany, University of the Punjab,
Lahore, Pakistan

Herbarium Assistant (BS11) **21-01- 2009 to 29-07-2009**
Permanent/Regular
Department of Botany, University of the Punjab, Lahore, Pakistan

.ACADEMIC RECORD

2008 - Doctor of Philosophy (PhD) – Botany (Biodiversity &Fungal Systematics)
Department of Botany, University of the Punjab,
Lahore, Pakistan.

1999-2001- M. Sc. - Botany
Department of Botany, University of the Punjab,
Lahore, Pakistan.

1997-1999 - B. Sc. - Biology
University of the Punjab, Lahore. Pakistan.

1994-1996 - F. Sc - Pre Medical
Govt College Mianwali. Punjab, Pakistan.

1994 – Matriculation- Science
Govt. High School, P.A.F colony, Mianwali, Punjab, Pakistan.

THESIS SUPERVISED/UNDER SUPERVISION

Ph.D. Theses

11. Muhammad Ali (2022). Systematics and Proximate Analyses of Mushrooms of Ayubia National Park, Khyber Pakhtunkhwa, Pakistan (Degree awarded).
10. Aneeqa Ghafoor (2023) (Completed) Systematics, Culturability Assessment, Cultivation and Pharmaceutical Potential of Selected Mushrooms of Makistan.
9. Misbah Ayyub 2025 (Completed) A study on the Diversity of Mushrooms from Kaghan Valley, Pakistan
8. Alla ud din 2025 (Completed) A Systematic Study on Lichens of Killa Saifullah, Balochistan, Pakistan
7. Muniba Shafique 2025 (Completed) Molecular Phylogenetics, Mycochemical Screening and In vitro Biological Activities of Extracts from Selected Species in Family Amanitaceae
6. Humaira Ilahi (Under supervision)
5. Amna Ali Muqaddas (Under supervision)
4.Syeda Maria Hussain (Under supervision)
3. Muhammad Haqnawaz (Under supervision)
2. Muhammad Nadeem (Under supervision)
1. Muhammad Awais Arshad (Under supervision)

M.Phil Theses

24- Noshiba Asghar (2023-2025) A contribution to the Mushroom Flora of Khanspur, KP, Pakistan
23- Nosheen (2023-2025) Study of Morphological, Molecular and Cultural characteristics of *Podaxis pistillaris* (L.) Fr.
22- Raheen Fatima (2023-2025) Systematics, Production and Purification of Extracellular Laccase from *Amylosporus succulentus* Jia J. Chen & L.L. Shen
21- Amna Shehzadi (2022-2024) Systematics, Culturability Assessment and Laccase Production Efficacy of two Mushrooms from Khanspur-Ayubia, KPK, Pakistan
20- Nageen Ahmad (2022-2024) Exploration of Macromycetes from Kanhatti Garden, District Khushab, Punjab, Pakistan
19- Javeria (2022-2024) Qualitative and Quantitative Assessment, Purification and de-Colorization Potential of Laccase from *Macrocybe gigantea* (Massee) Peglar & Lodge
18-Muhammad Awais Arshad (2021-2023) Taxonomic and phylogenetic study of some mushrooms of Soon valley, Punjab, Pakistan.
17-Saba Saeed (2021-2023) Systematics and phylogenetic studies of some macro fungi of Sharan Forest, Kaghan valley, KPK, Pakistan.
16-Maryam Tanveer (2021-2023) Systematics and phylogenetic studies of some Ascomycetous mushrooms of Shogran, Kaghan valley, Pakistan.
15-Aiza Akram (2020-2022) Taxonomic Diversity and Molecular Phylogenetics of some Macro-fungi of Khanspur, KP, Pakistan
14-Asma Mushtaq (2020- 2022) Optimization of cultural growth conditions and enzyme production efficacy of *Podaxis pistillaris*.
13- Muhammad Haqnawaz (2020-2022) A Taxonomic and Phylogenetic Study on Some Mushrooms of Safari Park, Kot Addu, Punjab, Pakistan.
12- Jaweria Khurshed (2019-2021) Phytochemical Screening and some In Vitro Biological Activities of *Atropa belladonna* L.

11- Alishba Anam (2019-2021) Molecular Phylogenetics, Mycochemical Screening and In Vitro Studies of Some *Chlorophyllum* and *Lepiota* spp. from Changa Manga Forest.
10- Anaiza Farooq (2020). Further Additions to gilled mushrooms of Changa, Manga, Punjab, Pakistan.
9- Hafiza Ammara Tehreem (2020). Assessment of Culturability and cultivation potential of different *volvariella* and *Pleurotus* species from Pakistan.
8- Allahuddhin (2020). Morpho-anatomical and molecular characterization of some lichens from District Killa Saifullah, Balochistan, Pakistan
7- Sehrish Hamayoun (2020). Additions to the Lichen biota of Chakwal District, Punjab, Pakistan.
6- Muhammad Asif (2020). Morpho-anatomical and Molecular Characterization of some mushrooms from District Bahawalnagar, Punjab, Pakistan.
5- Iram Fayyaz(M.Phil 2017-2019).Systematic and Phylogenetic studies of some crustose lichens from KhanuspurAyubia, Murree Hills.
4- Asra Pervaiz (M.Phil 2017-2019).Taxonomic and Phylogenetic characterization of some microlichens from Mastung, Balochistan, Pakistan.
3- Simab Asghar (M.Phil 2016-2018). Additions to the Pezizales of Pakistan: Some species from Ayubia National Park, KP, Pakistan.
2- Samia Khanum (M.Phil 2015-2017).Mophological and Phylogenetic of some mushrooms of some mushrooms collected from upper Swat, Pakistan.
1- Ayesha Zulfiqar (M. Phil 2013 - 2015). Systematics, Diversity and Phylogeny of some gilled fungi (Agaricales, Basidiomycota) from Sialkot district, Punjab, Pakistan.

MS Theses

19- Syeda Ayesha Gillani (2023-2025) A Systematic Study of Some Lichenized Fungi from Babusar Top, KP Pakistan
18- Hira Arshad (2023-2025) Molecular Identification and Domestication of Some *Morchella* Species From KP, Pakistan
17- Amna Rana (2022-2024) Systematics, Estimation of Culturability and Cultivation Efficacy of Some *Morchella* species from Pakistan.
16- Amir Hussain (2022-2024) Characterization of Some Macromycetes from Fairy Meadows, Gilgit Baltistan, Pakistan
15- Syed Muhammad Waleed (2021-2023) Systematics, Optimization of Cultural Conditions and Laccase Production Efficacy of *Polyporus* species.
14-Tehreem Fatima (2021-2023) Systematics, evaluation of culturability potential, extraction and purification of extracellular laccase from Cauliflower mushroom.
13-Amina Ali (2022-2022) Optimization of the cultural conditions and enzyme production efficiency of *Trametes* sp.
12-Hajra Khalil (2020-2022) Phenotypic and Phylogenetic Characterization of some Macrofungi of Changa Manga, Pakistan
11- Rimsha Laraib (MS2019-2021) Optimization of Culture and Growth Conditions of Different *Lentinus* spp. From Pakistan.
10- Muhammad Nadeem (MS2019-2021) Isolation and Identification of VAM Fungi in the Rhizospheric Soil of *Saccharum officinarum* L.
9- Maryum Butt (MS2018-2020). Systematics of some macrofungi of Noorpur Thal, Punjab, Pakistan.
8- Iffat Fizza (MS2018-2020). Characterization of some Phytopathogenic fungi from plants of Punjab and KP, Pakisran
7- Soha Nadeem (MS2018-2020). A phylogenetic study of some lichens of Kohat, KP,Pakistan

6-Hira Naz (MS2017-2019).Estimation of Phytochemicals and Molecular Phylogenetic studies of some mushrooms, from moist temperate forests of Khanuspur-Ayubia, KP, Pakistan.
5-Muniba Shafique (MS2017-2019).Evaluation of In vitro Biological activities and proximate analyses of some *Russula* spp.From Himalayan moist temperate forest of Pakistan.
4-Aneeqa Ghafoor (MS2017-2019). Cultivation and Pharmaceutical assessment of different species of *Pleurotus* from Pakistan.
3-Saleha Aziz (MS 2015-2017). Taxonomic Study of Erysiphales (Powdery Mildews) of District Swat, KP, Swat.Pakistan
2- Ayesha Farooqi (MS 2014 - 2016). Taxonomy and Phylogeny of some mushrooms from Khanspur-Ayubia, Murree Hills.
1- AnnamRazzaq (MS 2013 - 2015). Systematics and mineral composition of some mushrooms of Changa Manga arboretum, Punjab, Pakistan.

M.Sc./BS(ADP) Theses

29- Iqra Aziz (2023-2025) A Study on Some Mushrooms from Leepa Valley, Azad Jammu and Kashmir
28- Maryam Yaseen (2023-2025) Systematics and Production of extracellular Laaccase from *Lentinus squarrosulus* (Mont.) Singer
27-Nida Riaz Malik (2022-2024) Morpho-anatomical Characterization of Some Lichens of Kaghan Valley, Pakistan
26-Esha Riaz Malik (2022-2024) A Comparative Study of AM Fungi in the Rhizospheric Soil of Sugarcane from two Different Sites of Punjab, Pakistan.
25- Zunaira Fatima (2022-2024) Systematic Studies and Laccase Production Potential of Usnea Sp. from Pakistan
24-Aqsa Aziz (2022-2024) Extraction, Purification, and Dye decolorization Potential of Laccase from Phellinus species
23-Ayesha Mukhtar (2021-2023) A Systematic and phylogenetic study of some gasteromycetes of Kaghan valley, Pakistan.
22-Sadia Jabeen (2021-2023) Systematics and phylogenetic studies of some macro fungi of Sharan Forest, Kaghan valley, KPK, Pakistan
21-Iman Muneer (2020-2022) Molecular Phylogenetic and in vitro studies of some Amanita species from Pakistan.
20- Sana Angbeen (2020-2022) Estimation of Phytochemical, and Molecular Phylogenetic study of some *Limacella* species from Changa Manga Forest, Pakistan.
19- Ume-Arbab Tariq (2020-2022) Taxonomic diversity and phylogenetic study of genus *Inocybe* (Fr.) Fr. From Shogran, Kaghan valley, Pakistan.
18- Javaria Azam (2020-2022) Systematics, Phytochemical Screening and some In vitro biological activities of *Taxodium* sp.
17- Tasburia Tasaduf (2019-2021) A Study on some Mushrooms of Batrasi Forest, District Mansehra, KP, Pakistan.
16- Muhammad Awais Arshad (2019-2021). Taxonomic Study of some Fungal Pathogens from District Khushab, Punjab, Pakistan
15- Khushbakht Rahim (2018-2020). Additions to The Gilled fungi of Dunga Gali, KP, Pakistan
14- Maryum Tanveer (2018-2020). Additions to the Agaricales of Ayubia and Khanspur Khyber Pakhtunkhwa, Pakistan.
13- Haq Nawaz (2018-2020). A Study of some mushrooms of District Muzaffargarh, Punjab, Pakistan.

12- Faraha Maqsood (2018-2020). Estimation of some phytochemicals and in vitro biological activities of Phytolacca latbenia (Moq.) H. Walter from Shogran, Pakistan
11-Qurat-ul-Ain (2017-2019). Effect of Powdery Mildew on ArbuscularMycorrhizal status in *Helianthus annus* L.
10-Fauzia Razzaq (2017-2019). Some additions to the Gilled mushrooms, of Ayubia National Park, Abbottabad District,Pakistan.
9- AlishbaAnam (2017-2019). Morphoanatomical and Molecular characterization of some mushrooms of Ayubia National Park, KPK, Pakistan.
8- Allauddin (2016-18) Mycorrhizae and Arbuscular Spores associated with Juniper from Ziarat, Balochhistan
7- Fatima Idrees (2016-2018). Germination and spawn colonization potential of some edible mushrooms of Pakistan
6- AnaizaFarooq (2015-2017). Systematics and Phylogenetic Studies of some mushrooms of Changa Manga, Punjab, Pakistan
5- Bushra (2014-2016). Taxonomic study of tree flora of Botanical Garden, University of the Punjab, Lahore.
4- Iram Fayyaz *(*2014-2016). Additions to the Russulales *and Agaricales to the Fungi of* Pakistan
3- Muhammad Usman (2013-2015). Taxonomic study of some Rust Fungi from Swat valley and its adjacent areas of Pakistan.
2- Maryam Anees (2012-2014). Some additions to the fungal flora of man- Made forest Changa Manga, Punjab, Pakistan.
1- Tooba Amir Cheema (2011- 2013). Taxonomic study of some Basidiomycetes of Changa Manga plantation based on morphological and molecular characterization.

B.S (Hons).

12- Nisha Khalid (2025) Systematic and Phylogenetic Study of Some Basidiomycetes from Bed of Indus Rivers, Kot Adu, Punjab, Pakistan
11- Asma Naz (2025) Taxonomic and Phylogenetic Study of Some Ascomycetous Mushrooms of Dunga Gali, KP, Pakistan
10- Laiba Akbar(2024) Systematic Study, Culturability and Cultivation Potential of Two Wood Rotting Medicinal Mushrooms from Punjab, Pakistan
9- Eisha Komal (2023) Systematics, Culturability Assessment and Cultivation Potential of some Paddy straw Mushrooms of Pakistan
8-Hira Arshad (2023) Systematics and Optimization of Cultural and Cultivation Conditions of *Morchella* Species
7-Amina Rana (2022) Culturability Assessment, Cultivation and Pharmaceutical Potential of indigenous *Ganoderma lucidum* (Curtis) P. Karst. from Punjab, Pakistan
6-Ayesha Rafique (2022) Taxonomic Characterization and Estimation of Pharmaceutical Potential of a *Dichomitus* sp. from Khanspur, KP, Pakistan
5-Mahnoor Sohail (2021) Systematics of Some Lichens of Pattan Valley, District Kohistan, Pakistan.
4- Fatima Iqbal (2021) Culturability Assessment and Cultivation potential of a Wild *Macrocybe* sp. From Punjab Pakistan
3- Rabia Naseer (2020) Effect of foliar application of salicyclic acid on growth and physiological parameters in *Triticum aestivum* grown under salt stress
2- HiraIjaz (2019) Some additions to the Non-Gilled Macro fungi of Pabbi Forest Park, Kharian, Pakistan
1-Maria Latif (2018) Systematic and phylogenetic analysis of some basidiomycetes of district hafizabad Punjab, Pakistan

FIELD OF INTEREST/RESEARCH

Biodiversity and Systematics (Plants/Fungi)
Fungal Ecology and Fungal Biotechnology
Mushrooms Cultivation and Mycorrhizae

SUBJECTS TEACHING

Plant Taxonomy & Systematics (MSc level)
Plant Diversity (BS Level)
Mushroom Cultivation (BS & MSc Level)
Advance Plants Systematics (MS/MPhil level)
Diversity and Ecology of ectomycorrhizal fungi (MS/MPhil level)
Ectomycorrhizae in Forestry (MS/MPhil level)
Mycosociology and Fungal Ecology (Ph.D level)

DEPARTMENTAL RESPONSIBILITIES

1. Coordinator PhD Program
2. Focal Person Hostel Affairs, Department of Botany
3. Incharge Botanical Garden, University of the Punjab
4. Working as Member of
    a) Employees Affairs Committee
    b) Department Security Committee
    c) Department Improvement Committee
    d) Botanical Garden and Herbarium Committee
    e) Member Auction Committee, Department of Botany
    f) Preparation of field herbarium committee
    g) Class Room committee
    h) Extension and renovation of main office

MEMBERSHIP OF LEARNED SOCIETIES:

Life Member of "Botanical Society of Pakistan"
Member DTRC Department of Botany of Okara University
Mycological Society of America
Botanical Society of America
American Phytopathological Society
Botanical society of Bangladesh
Society of Herbarium Curators, America
Biological Society of Pakistan

MEMBERSHIP OF LEARNED BODIES

Member Board of Studies of Botany, Institute of Botany, University of the Punjab, Lahore
Member Board of Studies of Botany, Department of Botany, University of Gujrat, Gujrat.
Member Departmental Doctoral Programme Committee, University of the Punjab, Lahore.

COMMUNITY SERVICES

Member of the Punjab University Academic Staff Association (PU ASA)
Member of the Verification Committee of the Examination Department, University of the Punjab, Lahore.

AREAS EXPLORED FOR BOTANICAL/MYCOLOGICAL PURPOSE

Salt Range of Pakistan: Sakesar Hills, Kalarkahar etc.

Khyber Pakhtunkhwa (Himalayan Moist Temperate Forests of Pakistan) Murree hills: Khanspur – Ayubia, Nathiagali, Changlagali, Dungagali, Kuzagali, Kheragali. Sheran, Naran ,Battakundi, Jalkhud (KaghanValley). Swat, Dir, Chitral, Kalash valley.

Azad Jammu & Kashmir: Neelum Valley, Leepa valley, Bagh, Rawlakot, Lasdanna, Ganga choti etc

Northern Areas of Pakistan: (Gilgit-Baltistan, Hunza, Chilas, Fairy Meadows, Bial Camp, Nanga Parbat Base Camp, Deosai plains).

Punjab: Changa Manga, LalSuhanra National Park Bahawalpur, Fort Monro, DGkhan

Sindh: Karachi, sukkur, Hyderabad, Rohri, Jacobabad

Balouchistan: Quetta, Ziarat, Loralai, Qilla Saifullah, Darabolan, Gawader, etc

REVIEWER OF THE INTERNATIONAL/NATIONAL IMPACT FACTOR JOURNALS

Taxonomy and Phylogeny of Hyphomycetous Muriform Conidial Taxa from the Tibetan Plateau, China.2023. Journal of Fungi

Proposal of four new Aureobasidium species for pullulan production. 2023 Journal of Fungi

Population growth poses a significant threat to forest ecosystems: a case study from the Hindukush-Himalayas of Pakistan. 2023. Sustainability.

CNN_FunBar: Advanced learning technique for fungi ITS region classification. 2022. Genes.

Morphology and phylogeny of four new species of Lyophylloid (Agaricales, Basidiomycota) from Western China. 2022. Journal of Fungi.

Insight into the taxonomic resolution of Apiospora: introducing novel species and records from bamboo in China and Thailand. 2022. Diversity.

Taxonomic novelties of woody litter fungi (Didymosphaeriaceae, Pleosporales) from the Greater Mekong Subregion. 2022. Biology.

Phyllactinia cornicola, a new species of powdery mildew from Pakistan"2022. Nordic Journal of Botany

Traditional knowledge and economic significance of Berberis lycium Royle in the Lower Dir District, Pakistan. 2020. Ethnobotany Research and Applications.

New Records of Rust Disease Caused by *Uromyceshalstedii* in North America. **2018**. Plant Disease Note PDIS-02-18-0261-PDN

Amanita pallidorosea in Pakistan and its ectomychorrhizal association with *Quercus oblongata*. **2017**. Mycotaxon 132(4): 799-812

First record of *Parasolalilatincta* from Pakistan. **2016**. Mycotaxon 131 (2): 317-325

Pezizasuccosella and its ectomycorrhiza associated with *Cedrusdeodara* from Himalayan moist temperate forests of Pakistan. **2015**. Mycotaxon 130 (2): 455-464

Some new records of *Uredinales* from Khyber Pakhtunkhwa, Pakistan. **2015**. Mycotaxon 130 (2): 569-576

New reports of rust fungi from Malakand, Khyber Pakhtunkhwa, Pakistan. **2015**. Mycotaxon 130(3): 647-652

Russulasichuanensis and its ectomychorrhizae from Himalayan moist temperate forests of Pakistan. **2015**. Mycotaxon 130(3): 629-640

New reports of *Inocybe* from Pine forests in Pakistan. **2015**. Mycotaxon 130(3): 671-682

New records of *Phragmidium*species from Pakistan. **2014**. Mycotaxon 128 : 63-70

New records of *Melanoleucacinereifolia*inHimalyan moist temperate forests of Pakistan. **2014**. Mycotaxon 129(2): 317

Lepiotabrunneo incarnate and *L. Subincarnata* distribution and phylogeny. **2013**. Mycotaxon 126: 133-142

New records of *Puccinia*on *Poaceae*from Khyber Pakhtunkhwa, Pakistan. **2013**. Mycotaxon 126: 177-182

New reports of cyperaceous rust fungi from Pakistan. **2013**. Mycotaxon 125: 189-191

Inocybe nitidiuscula and its ectomycorrhizae associated with *Alnusnitida*from Galyat, Pakistan. **2013**. Mycotaxon 124: 247-254

Queletia mirabilis, a rare gasteroid species in Gran Canaria, Spain. **2012**. Mycotaxon 119: 89-94

New records of *Pezizales*from Pakistan. **2012**. Mycotaxon 119: 301-306

RESEARCH PUBLICATIONS

Published:	**171**
Accepted:	**13**
Submitted:	**20**
Current impact factor**:**	**205**
Current Citations:	**1072**
h-index	**15**

Year-wise Publications list

2025

171. Nadeem, M., **Niazi, A. R.,** & Khalid, A. N. (2025). Oxneriaria kaghanensis sp. nov.(Pertusariales, Megasporaceae) from Kaghan Valley, Pakistan. *Nova Hedwigia*, 121, 1-8.

170. Asif, M., Saba, M., Maula, F., Akram, W., **Niazi, A. R.,** Firdous, Q. & Raza, M. (2025). Morphology and phylogeny reveal four new species and a new record of Volvariella from southern Punjab, Pakistan. *New Zealand Journal of Botany*, 1-24.

169. Niazi, A. R., & Arshad, H. Deciphering the non-mutualistic relationship between fungi and humans: a review. FUUAST Journal of Biology, *14(2)*, 1 – 9

168. Nadeem, M., Iqbal, M. S., **Niazi, A. R.,** & Khalid, A. N. (2025). Taxonomic and phylogenetic study of the genus Oxneriaria (lichenized Ascomycota, Megasporaceae) reveals one new species from Pakistan. *Journal of Asia-Pacific Biodiversity*,*18*, 1-10.

167. Iqbal, M. S., Din, A. U., Khalid, A. N., & **Niazi, A. R.** (2025). Morphology and DNA barcoding analyses reveal Acarospora albicans sp. nov. (Lichenized Ascomycota, Acarosporaceae) from Pakistan. *Journal of Asia-Pacific Biodiversity*.18, 1-8.

166. Ashraf, U., Webster, G., Razzaq, A., Afshan, N. U. S., Christofides, S. R., Naseer, A., **Niazi, A. R.** & Khalid, A. N. (2025). Inocybe crenata sp. nov.(subsec. Geophyllinae, sect. Tardae) from Conifer Dominated Forests of Pakistan. *Mycobiology*, *53*, 1-9.

165. Afshan, N. U. S., Ebinghaus, M., Riaz, M., Ahmad, M. A., **Niazi, A. R.,** & Khalid, A. N. (2025). Transfer of Olivea colebrookeae into the teak-rust genus Neoolivea (Crossopsoraceae), with its first report for Pakistan, based on light and scanning electron microscopy and DNA barcoding techniques. *Canadian Journal of Plant Pathology*, *47*, 1-8.

164. Li, Q., Haqnawaz, M., **Niazi, A. R.,** & Khalid, A. N. (2025). Phylogenetic studies on the genus Candolleomyces (Psathyrellaceae, Basidiomycota) occurring in the bed of the Indus River, Punjab, Pakistan, reveal three new species. *MycoKeys*, *112*, 165.

2024

163. Din, A. U., **Niazi, A. R.,** & Khalid, A. N. (2024). Two new records of Teloschistaceae (lichenized Ascomycota) from Pakistan. *Nova Hedwigia*. 119(3-4), 449 - 456

162. Iqbal, M. S., Din, A. U., Khalid, A. N., & **Niazi, A. R.** (2024). A new species in the lichen genus Circinaria (Megasporaceae) from Pakistan based on morphology and DNA sequence data. *Journal of the Botanical Research Institute of Texas*, *18*(2), 333-340.

161. Hyde, K. D., Noordeloos, M. E., **Niazi, A. R.,** & Savchenko, K. G. (2024). The 2024 Outline of Fungi and fungus-like taxa. *Mycosphere*, *15*(1), 5146-6239.

160. Ahmad, U. F., Zulfiqar, R., Naheed, M., Nadeem, M., Habib, K., **Niazi, A. R.,** & Khalid, A. N. (2024). A systematic study of some lichenized fungi from Pakistan using nrITS marker. *Italian Botanist*, *18*, 75-96.

159. Niazi, A. R., Fatima, T., Ghafoor, A., Ahmad, M., Ghafoor, M. A., Bentalib, A. & Haider, I. (2024). Laccase purification and azo dye decolorization potential of Sparassis latifolia. *Natural Product Research*, 1-11.

158. Haqnawaz, M., Usman, M., Fatima, N., **Niazi, A. R.,** & Khalid, A. N. (2024). Three new species of the genus Candolleomyces (Psathyrellaceae) from Pakistan. *Plant Systematics and Evolution*, *310*(6), 42.

157. Khan, M., Habib, K., Zulfiqar, R., Fayyaz, I., **Niazi, A. R.,** Abdul Rehman; Khalid A. N. (2024). New records of Lepraria (Stereocaulaceae, Ascomycota) from Pakistan. *Nova Hedwigia, 119(1),* 1-10.

156. Iqbal, M. S., Nadeem, M., Din, A. U., Khalid, A. N., & **Niazi, A. R.** (2024). Two new species of genus Acarospora (Lichenized Ascomycota: Acarosporaceae) from Pakistan. *Journal of Asia-Pacific Biodiversity*, 17, 1-20

155. Sattar, T., Intisar, A., Kousar, R., Ramzan, A., **Niazi, A. R.,** Qadir, M. A. & Abid, M. A. (2024). Constituents and Antibacterial Activity of Essential Oil of Nyctanthes arbor-tristis Flower. *Journal of Analytical Chemistry*, *79*(9), 1345-1351.

154. Ghafoor, A., & **Niazi, A. R.** (2024). *Pleurotus* spp: an ultimate solution to the emerging calamities of the world. New Zealand Journal of Botany, 1-38.

153. Haqnawaz, M., Usman, M., Javaid, A., Ramzan, F., Bibi, A., **Niazi, A. R.** & Khalid, A. N. (2024). Four new species of Candolleomyces (Psathyrellaceae) from the Punjab Plains, Pakistan. *Mycologia*, 1-13.

152. Ali, M., Ghafoor, A, **Niazi, A.R.** (2024). Hydnum khanspurensis sp. nov. and H. berkeleyanum from Pakistan. Phytotaxa. 652, 1-10

151. Arshad, W., Ijaz, H., Khan, M., Yasmeen, A., Zhao, C. L., Ghafoor, A., **Niazi, A.R.**, & Jabeen, S. (2024). *Volvariella griseoalba* (Agaricales, Volvariellaceae), a new species from Punjab, Pakistan. Phytotaxa, 661(1), 31-46.

150. Bashir, H., Asif, M, Ghafoor, A, **Niazi, A. R,** Khalid, A.N. (2024). Molecular phylogeny and morphological descriptions of six subtropical new species and one new record of Agaricus sect. Minores from Pakistan. PlosOne, 17(9): e0274634.

149. Ghafoor, A., Elahi, H., Arshad, H., & **Niazi, A. R.** (2024). Two new records of Morchella species from Pakistan based on macro-microscopic features and phylogenetic analysis. *Nova Hedwigia*, *118(1)*, 1-9.
148. Ahmad, I., Haqnawaz, M., **Niazi, A. R.,** & Khalid, A. N. (2024). A new species of Candolleomyces (Psathyrellaceae) from Pakistan. *Phytotaxa*, *658*(3), 280-288.
147. Iqbal, M. S., Nadeem, M., Khalid, A. N., & **Niazi, A. R.** (2024). Some new records of lichens from Pakistan. *Nova Hedwigia*, *119*, *1-7*
146. Jabeen, S., Naseer, A., Ijaz, H., Yasmeen, A., **Niazi, A. R.,** & Zhao, C. L. (2024). *Leucoagaricus rosuliformis* sp. nov.(Agaricales, Basidiomycota) from Changa Manga Forest, Punjab, Pakistan. *Phytotaxa*, *652*(4), 273-283.
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55. Bashir, H., Hussain, S., Khalid, A. N., **Niazi, A. R.** K., Parra, L. A., & Callac, P. (2018). First report of *Agaricus* sect. *Brunneopicti* from Pakistan with discriptions of two new species. Phytotaxa, 357 (3): 167-178. (IF. 1.24).

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51. Naseer A., Khalid A. N., **Niazi, A. R.,** (2017). *Phylloporus brunneiceps* from Pakistan. *Mycotaxon* 132, 685-693. (IF. 0.703).

50. Afshan, N. S.,Khanum, S., Fiaz, M., Khalid, A. N., **Niazi, A.R. (**2017). *Euoidium vernoniicola*, a new report for Pakistan. Plant Pathology & Quarantine7 (1): 1–3.

49. Jabeen S, **Niazi A.R.**, Khalid AN. (2017)**.** *Russulabruneo purpurea* sp.nov.and its ectomycorrhiza from Pakistan. Mycosphere 8(8): 1059-1069 (IF. 0.72)

48. Farooqi, A, Aqdus F, **Niazi A.R.,** Jabeen S., Khalid A.N. (2017**).** *Inocybe ahmadii* sp.nov.and a new record of *I.leptocystis* from Pakistan. Mycotaxon. 132 (2). 257-269. (IF. 0.709)

47. Ishaq, A., Afshan, N. S**., Niazi, A.R.,** Aime, M.C. & Khalid, A. N. (2017). First Report of Rust Caused by *Pucciniastrum guttatum* on *Galium* sp. from Pakistan, *Plant Disease*,101 (1): 245. (IF 3.192)

46. Hussain, S., Afshan, N. S.**,**Habib, A., Khalid, A.N. & **NIAZI, A.R. (**2017). *Parasola malakandensis* sp. nov. (Psathyrellaceae; Basidiomycota) from Malakand, Pakistan., *Mycoscience58*(2): 69-76. (IF 1.418)

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45. Hussain, S., Yousaf, N., Afshan, N. S**., Niazi, A. R**., Habib, A. &Khalid, A.N. (2016). *Tulostoma ahmadii* sp. nov.and *T. squamosum* from Pakistan. Turkish Journal of Botany, 39: 1502-1509. (IF 1.6)

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2015

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40. Afshan, N. S., Ishaq, A., **Niazi, A. R.**& Khalid, A.N. (**2015)**. Geographical distribution and host range of genus *Uromyces* (Pucciniaceae, Uredinales) in Pakistan. Published in proceeding of International Conference on Chemical, Agricultural and Biological sciences (cabs-2015) organized byEmirates association of Chemical, Biological and Environmental Engineers, held at Istanbul, Turkey, from 4th-5th September, 2015, PP. 167-173.

39. Afshan, N. S., Khalid & **Niazi, A. R. (**2015). New reports of rust fungi (Uredinales) from Sharan (Kaghan Valley), Pakistan, Plant Pathology & Quarantine5(2), 35–42, Doi 10.5943/ppq/5/2/6.

38. Qasim, T., Amir, T., Nawaz, R., **Niazi A.R.** & Khalid, A.N. (2015). *Leucoagaricus lahoresis*, a new species of L. Sect.Rubrotincti**.** Mycotaxon.130: 533-541**.** (IF 0.705).

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31. Afshan, N. S., Khalid, A. N., **Niazi, A. R.** (2012). Some new rust fungi (Uredinales) from Fairy Meadows, Northern areas, Pakistan.Journal of Yeast and Fungal Research, 3(5): 65-73.

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29. Jabeen, S., Ilyas, S., **Niazi, A. R.** and Khalid, A. N. (2012). Diversity of ectomycorrhizae associated with *Populus* spp., growing in two different ecological zones of Pakistan. Int. J. Agric. Biol., 14: 681-688. (Impact Factor = 0.940)

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25. Yousaf, N., A. N. Khalid & **A. R. Niazi** (2012). New records of *Scleroderma species* from Pakistan. Mycotaxon,122: 43-50. (IF: 0.821)

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24. Afshan, N. S., Khalid, A. N., **Niazi, A. R.,** & Iqbal, S. H. (2011). *Puccinia* species new to Azad Jammu & Kashmir, Pakistan. *Mycotaxon*, *116*, 175-182. (IF: 0.821)

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19. **Niazi, A. R**., Khalid, A. N.& Iqbal, S. H. (2010). New records of Ectomycorrhizae from Pakistan.Pakistan Journal of Botany. 42(6): 4335-4343. (IF 0.872)

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15. Sultan, M. A., Haq, I., Khalid, A. N., Bajwa, R., Mukhtar, H. &**Niazi, A. R., (**2009). Additions to the Uredinales of Northern Areas of Pakistan**.** Pakistan Journal of Botany.41(1). 369-372. (IF 0.872)

14. Niazi A. R., Iqbal S. H. &Khalid A. N., (2009). Ectomycorrhizae between *Amanita rubescens* and Himalayan Spruce (*Piceasmithiana)* from Pakistan. Mycotaxon, 107: 73-80. (IF: 0.821)

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12. Afshan, N. S., Khalid, A. N**.** & **Niazi, A. R**. (2008). New Records and Distribution of rust fungi from Pakistan.Mycotaxon, 105**:** 257-267. (IF: 0.821)

11. Afshan, N. S., Berndt, R., Khalid A. N. & Niazi A. R. 2008. New Graminicolous rust fungi for Pakistan. Mycotaxon,104: 123–130. (IF: 0.821)

10. Afshan, N. S**.,** Khalid, A. N. & **Niazi, A. R**. (2008). New records of Graminicolous Rust Fungi from Pakistan.Pakistan Journal of Botany. 40(3): 1279-1283. (IF 0.872)

2007

9. **Niazi, A. R**., Khalid, A. N**.**& Iqbal, S. H. (2007). *Descoleaflavo annulata* and its ectomycorrhiza from Pakistan's Himalayan moist temperate forests.Mycotaxon,101: 375-383. (IF: 0.821).

8. Afshan, N. S., Khalid, A. N., Abbasi, M. &**Niazi, A. R**. (2007). New records of Rust fungi for Pakistan.Mycotaxon,101: 233-237. (IF: 0.821)

7. Lodhi, E. M., Khalid, A. N**.** & **Niazi, A. R. (**2007). Mycoflora of Senescing leaves of Ornamental Plants. I. New Fungal records on some monocots for Pakistan. Pakistan Journal of Botany. 39 (3): 881-885. (IF 0.872).

2006

6. Iqbal, S. H., Kasuya, T., Khalid, A. N**.** and **Niazi, A. R**. (2006). *Lysuruspakistanicus*, a new species of phallales from Pakistan.Mycotaxon,98: 163-168. (IF: 0.821)

5. **Niazi, A. R.,** Iqbal, S. H. & Khalid, A. N. (2006). Biodiversity of Mushroomsa***nd Ectomycorrhiza. 1. Russula brevipes*** Peck**.**and its ectomycorrhiza, a new record from Himalayan Moist Temperate Forests of Pakistan, Pak. J. Bot.38 (4): 1271-1277. (IF 0.872).

2004

4. Kazmi, S. A. R., Khalid, A. N. &**Niazi. A. R**. (2004). Ectomycorrhizal diversity in Himalayan Popular *(Populusciliata* Wall. ex Royle).*Mycopath*,2 (2): 75-78.

3. Zahoor, M., Khalid, A. N. & **Niazi, A. R**. (2004). Growth response of Ectomycorrhizal isolates on two synthetic culture media. *Mycopath*,2(1): 25-35.

2. Afshan, N., Khalid, A. N. & **Niazi, A. R. (**2004). New mycorrhizas from Sakesar Hills.Mycopath,1(2): 100-104.

2003

1. Khalid, A. N. and **Niazi, A. R**., (2003). New Ectomycorrhizas in association with Poplar from Himalayan moist forests of Pakistan. Mycopath, **1**(1): 95-98.

Book Chapter

1. Niazi, A.R., Ghafoor, A. (2023). First report of the Navisporus floccosus on the basis of Macro-Micro Morphological and Molecular evidences from Pakistan. Synopsis Fungorum 47.

RESEARCH/TECHNICAL PROJECTS FROM HEC/NATIONAL RESEARCH GANIZATIONS/UNIVERSITIES

11-: Molecular phylogenetics and optimization of culture and laccase production conditions from a Podaxis sp. Rs. 250,000/- financed by University of the Punjab, Lahore.

10- Molecular Phylogenetics and spawn production of Nutraceutically and Pharmaceutically important Mushroom *Macrocybe* sp. Rs. 300,000/- financed by University of the Punjab, Lahore.

9-Taxonomic study and assessment of culturability and cultivation potential of different *Pleurotus* species from different areas of Pakistan (2020), Rs. 200,000/- financed by University of the Punjab, Lahore.

8- Systematic studies, Proximate Analyses and Evaluation of In-Vitro Biological Activities of Mushrooms of Galliat, Murree Hills, Pakistan **(2019),** Rs. 150,000/- financed by University of the Punjab, Lahore.

7- Further Additions to the Gilled Mushrooms of world's largest Man-made Forest, Changa Manga, Punjab, Pakistan **(2017-2018)** (funded by University of the Punjab, 150,000).

6. Taxonomic study of some mushrooms of Ayubia National Park, KP. Pakistan. **(2017),**Rs. 150,000/- financed by University of the Punjab, Lahore

5. Macrofungal diversity around Marala Ravi Canal and adjoining areas of Daska, Sialkot, Punjab. Pakistan **(2014 – 2015)** (funded by University of the Punjab, Lahore, 150,000/-).

4. Further addition to the Fungal flora of Man-made forest Changa Manga, Pakistan. **2013-2014** (funded by University of the Punjab, Lahore, 150,000/-)

3. Fungal flora of Man-made forest Changa Manga, Pakistan. **2012-2013**(funded by University of the Punjab, Lahore, 150,000/-)

2. Amanitas of Pakistan and their ectomycorrhizal diversity from HMTF of Pakistan **(2011-2012)** funded by University of the Punjab, Lahore, 150,000/-)

1. Worked as Research Associate at Department of Botany, University of thePunjab, Lahore to explore Biodiversity of mushrooms and ectomycorrhizas from Himalayan moist temperate forests of Pakistan. (Project financed by HEC).

CONFERENCES/SEMINARS/ATTENDED/ABSTRACT PUBLISHED

- Session Chair/Co-Chair in the 8th International and 17th National Conference on "Advances in Plant Science in the Era of Climate Change" from October 26-28, 2022 at the University of the Punjab and GC University Lahore, Pakistan.
- Presented the paper entitled "*Lepiota metulispora*: An imperative source of some secondary metabolites, antibacterial and antioxidant agents"in the 4th International Congress and 5th National Conference on Biotechnology of Medicinal Plants and Mushrooms (Hybrid) held in the Ramsar- Iran, 18 & 19 October, 2022.
- Presented poster in the 2022 MSA Annual Meeting: Mycology in the Swamp held in Gainesville, FL, July 10-13, 2022
- Attended one day training /orientation session for focal person and oversight committee members - Green Youth Movement - Prime Minister's Youth Program on 27 May, 2022
- Participated in ISMS e-congress 2021 held online from September 14th to 17th, 2021, organized by the International Society for Mushroom Science, Australia.
- Participated in 3rd International Conference on Emerging trends in Earth and Environmental Sciences held from November 16th to 18th, 2021
- Participated in 9th International Conference on Research in Education ICORE 2021 held from November 16th to 18th, 2021
- Attended seminar on the topic "Mushroom Farming: An Emerging Industry" organized by the EMFP (Establishment of Model Farms Project) Government of the Punjab and AGROFOCUS.
- Participated in 1st international Symposium on "Current Trends and Future Perspective in Botanical Research, 2020"
- Participated in seminar entitled "Mushroom cultivation an emerging industry"2020

- Presented a paper in international conference "SMART PLANTATION" an ultimate solution to climate change ICSP-2020
- Presented a Paper entitled "Systematic and Phylogenic studies of some crustose lichens from Khanaspur-Ayubia, Murree Hills" in International conference on Recent Innovations in Molecular Sciences organized by Punjab University Lahore from 06th-08th November, **2019.**
- Presented a Paper entitled " Molecular Phylogenetic Analysis, Cultivation and Pharmaceutical potential of the edible Mushrooms of Pakistan"in International conference on Recent Innovations in Molecular Sciences organized by Punjab University Lahore from 06th-08th November, **2019.**
- Presented a Paper entitled " Phylogenetic analysis of some cup Fungi (Pezizales, Discomycetes) from Khyber Pakhtunkhwa, Pakistan" In International conference on Recent Innovations in Molecular Sciences organized by Punjab University Lahore from 06th-08th November, **2019.**
- Presented a paper entitled "First record of *Geoporapinyonensis* from Asiain 2nd International Conference on plant sciences (ICPS 2018) organized Department of Botany, GC University, Lahore from 5-7December,**2018**
- Presented a paper entitled "Diversity and distribution of order Pezizales(Ascomyceytes) in Pakistan"in 11th International Mycological Congress organized by International Mycological Association (IMA) at San Juan, Puerto Rico from July16-22, **2018.**
- Presented a paper entitled "Status of Rust fungi on Polygonaceae in Pakistan: Some new reports and an updated checklist of recorded species"in 11th International Mycological Congress organized by International Mycological Association (IMA) at San Juan Puerto Rico from July16-22, **2018.**
- Presented a paper entitled"Taxonomy and phylogeny of genus *Lycoperdon* from Pakistan"in 11th International Mycological Congressorganized by International Mycological Association (IMA) at San Juan Puerto Rico from July16-22, **2018.**
- Participated in HEC 8th National Conference on"Biodiversity Conservation in Pakistan: Challenges and Solutions" organized by University of Peshawar at Baragali Summer Campus, that held on July 8-10, **2018.**
- Presented a paper entitled "Molecular Phylogenetic Analysis of Genus *Calvatia*
- From Pakistan in 2nd International Conference on Environment and Sustainable development organized by Sustainable Development Study Center, Government College University, Lahore from 13-14th March, **2018**
- Presented a Paper entitled "Two new *Lycoperdon*spp.subgenus*Vascellum* from Pakistan" in 7th International and 16th National conference of Botany organized by Pakistan Botanical Society from 23rd to 26th March, **2018.**
- Presented a Paper entitled "A new species and first report of Genus *Arachnion* (Gasteroid Fungi) From Pakistan in 3rd International Conference on Biosciences organized by the biological society of Pakistan from 9th May to 11th May, **2018.**
- Presented a Paper entitled "Geographical distribution of Ascomycetes in Pakistan, an overview" in 1stInternational conference on conventional and modern approaches

in Plant Sciences organized by Department of Botany, University of the Punjab, Lahore, Pakistan from 28th-29th November, **2017**.

- Presented a Paper entitled "*Lepiotasosuensis* (Agaricales, basidiomycetes) first report from Pakistan" in 1stInternational conference on conventional and modern approaches in Plant Sciences organized by Department of Botany, University of the Punjab, Lahore, Pakistan from 28th-29th November, **2017.**
- Presented a Paper entitled "Systematic Study of some gilled mushrooms from District Hafizabad, Paksitan" in 6th International and 15th National conference of Botany organized by Pakistan Botanical Society from 9th-11th May, **2017.**
- Presented a Paper/poster entitled "Sphaeropharagmium, a new holomorph for *Uredo dalbergae*? And a common pathogen of shisham tree in Pakistan" in an International conference fo of Botany organized by Botanical Society of America from June 24 - June 28, **2017** at Fort Worth Omni Hotel, Fort Worth, Texas, **USA**
- *Aecidium Jasminicola, a new pathogen for Jasminum sp. in Pakistan*?, in Botany 2017 – "Botanical Crossroads" an international conference organized by Botanical Society of America from June 24 - June 28, **2017** at Fort Worth Omni Hotel, Fort Worth, Texas, **USA.**
- Attended the 6th Invention to Innovation Summit that held on March 8-9, **2017,** at, University of the Punjab, Lahore.
- Participated in 3rd International Symposium on "Conservation Issues of Edible Wild Resources of Hindukush" organized by Department of Botany, Islamia College Peshawar and University of Peshawar at Baragali Summer Campus, that held on July 21-24, **2017.**
- Abstract accepted for poster presentation entitled "Biodiversity of Uredinales in Khyber Pakhtunkhwa, Pakistan" in 14th National and 5th International Conference of Botany "Climate change and: Challenges and Opportunities" organized by Pakistan Botanical Society at University of Karachi, Karachi on 15-18 January **2016**.
- Presented a paper entitled "Evaluation of Pharmacological effects and Phytochemical screening of *Rumexhastatus* extracts" on 3rd World Congress and Expo on Applied Microbiology from November 07-09, **2016. Dubai, UAE.**
- Attended the 4th International Conference on Research in Education (ICORE) that held on November 23-25**, 2016,** at, Institute of Education and Research , University of the Punjab, Lahore.
- Participated in the International Conference on Significance of Potash use in Pakistan Agriculture that held on November 24-25, **2016,** at, Institute of Agricultural Sciences, University of the Punjab, Lahore.
- Presented a poster entitled "Fungal diversity in World largest Man-made forest, Changa Manga, Pakistan" in International Conference On Chemical, Agricultural And Biological Sciences **2015** Organized byEmirates association of Chemical, Biological and Environmental Engineers, held **at Istanbul, Turkey**, from 4th-5thSeptember, **2015.**

- Presented a poster entitled "Geographical distribution and Host Range of genus Uromyces (Pucciniaceae, Uredinales) in Pakistan" in INTERNATIONAL CONFERENCE ON CHEMICAL, AGRICULTURAL AND BIOLOGICAL SCIENCES 2015 ORGANIZED BY Emirates association of Chemical, Biological and Environmental Engineers, held at **Istanbul, Turkey**, from 4th-5thSeptember, **2015.**
- Attended the 4th Invention to Innovation Summit that held on March 4-5, **2015** at, University of the Punjab, Lahore.
- Presented a Paper entitled "Taxonomic Study of some Mushrooms of CHANGA MANGA Plantation Based on Morphological and Molecular Characterization" in 4th International and 13th National conference of Botany organized by Pakistan Botanical Society at Shaheed Benazir Bhutto University, Upper Dir that held on August 27-30, **2014**
- Presented a Paper entitled "New Species and host Records of Rust Fungi (Uredinales) on Ferns (Pteridophytes) from Khyber Pakhtunkhwa , Pakistan" in 4th International and 13th National conference of Botany organized by Pakistan Botanical Society at Shaheed Benazir Bhutto University, Upper Dir that held on August 27-30, **2014**
- Participated and presented a paper in 1st International Symposium on "The Himalayas of Pakistan, Resources and Conservation issues" organized by Department of Genetics, Hazara University, Mansehra and Higher Education Commission of Pakistan, that held on November 27-30, **2014.**
- Participated and presented a paper in International conference of Plant Sciences (ICPS) organized by Department of Botany, GC University, Lahore on September 22-24, **2014.**
- Participated and attended the 1st International Seminar on "Soil Health Reclamation Approaches" that held on June 11, **2014** organized by College of Earth & Environmental Sciences, University of the Punjab, Lahore.
- Participated and attended the International Conference on "Stress Biology and Biotechnology: Challenges and Managements" that held on May 21-23, **2014** that held on Institute of Agricultural Sciences, University of the Punjab, Lahore.
- Participated in the 3rd Invention to Innovation Summit and Exhibition on "Technologies having potential for Commercialization" that held on March 19-20, **2014** at, University of the Punjab, Lahore.
- Participated and presented a paper as poster in 34th Pakistan congress of Zoology held at BahaudinZakiria University, Multan on February 25-27**, 2014.**
- Participated and presented a paper a" Rust fungi of Himalayan Moist Temperate forests of Pakistan, Their diversity and distribution: An Overview. " In 80th Annual meeting of Mycological Society of America thatheld on 15-18th July, 2012 at the Yale University, New Haven, **USA**
- Participated and presented a paper a"Molecular description of *CaloceraViscosa* using 5.8s gene of Ribosomal DNA and PCR-RFLP." In 2nd International conference of Plant Scientists and 11th national meeting of plant Scientiststhat held on February 22-24, **2011** at the Govt. College University, Lahore Pakistan.

- Participated and presented a paper "*Amanita flavoconoides* sp. Nov., its 5.8s gene along with partial ITS sequence of RDNA and its Ectomycorrhizae formed with Blue Pine (*Pinuswallichiana*) from Pakistan". In 2nd International conference of Plant Scientists and 11th national meeting of plant Scientists that held on February 22-24, **2011** at the Govt. College University, Lahore Pakistan.
- Participated and presented a paper "New records of Russulales from GilgitBaltistan (Fairy Meadows) Pakistan". In 2nd International conference of Plant Scientists and 11th national meeting of plant Scientists that held on February 22-24, **2011** at the Govt. College University, Lahore Pakistan
- Participated and presented a paper " Two new records of Boletes from Himalayan Moist Temperate forests of Pakistan". In 2nd International conference of Plant Scientists and 11th national meeting of plant Scientists that held on February 22-24, **2011** at the Govt. College University, Lahore Pakistan.
- Participated and presented a paper " Ectomycorrhizal diversity of *Juglansregia* from Himalayan Moist Temperate forests of Pakistan". In 2nd International conference of Plant Scientists and 11th national meeting of plant Scientists that held on February 22-24, **2011** at the Govt. College University, Lahore Pakistan.
- Participated and presented a paper " New Records of Scleroderma species from Pakistan". In 2nd International conference of Plant Scientists and 11th national meeting of plant Scientists Scientists that held on February 22-24, **2011** at the Govt. College University, Lahore Pakistan.
- Participated and presented a paper" Reduction of BOD and COD in different polluted water samples of Lahore and Kasur using Micromycetes". In 2nd International conference of Plant Scientists and 11th national meeting of plant Scientists that held on February 22-24, **2011** at the Govt. College University, Lahore Pakistan.
- Participated and presented a paper" Three new anamorphic rust fungi on *Rosa* spp. from Pakistan". In 2nd International Conference of Plant Scientists that held on February 22-24, **2011** at the Govt. College University, Lahore.
- Participatedin the 3rd International Conference on Plant Pathology and 7th Biennial Meeting of Phytopathological Society held at the Department of Mycology and Plant Pathology, Punjab University Lahore, from November 19-21, **2007**.

Taxa described New to Science

No	Species Name	Journal	Country
46	***Chlorangium ahmadii*** Alla Ud Din, M.S.Iqbal, Khalid & Niazi	**Plant Systematics and Evolution**	**Austria**
45	***Lepiota aurantiopilea*** M. Asif, A. Izhar, Niazi & Khalid	**Mycological Progress**	**Germany**
44	***Panaeolus punjabensis*** M. Asif, Q. Firdous, A. Izhar, Niazi & Khalid	**European Journal of Taxonomy**	**France**
43	***Parasola cinnamomescens*** Z. Khan, M.A. Arshad, Niazi & Khalid	**Turkish Journal of Botany**	**Turkey**
42	***Circinaria russus*** S. Riaz, M.S. Iqbal, Nadeem, Niazi, & Khalid	**Biology Bulletin**	**United States**
41	***Moniliophthora capitata*** Haqnawaz, Niazi & Khalid	**Phytotaxa**	**New Zealand**
40	***Lecaimmeria crispula*** Niazi, Nadeem & Afshan	**Mycological Progress**	**Germany**
39	***Lepiota bahawalnagarensis*** M. Asif, Niazi & Khalid	**Mycological Progress**	**Germany**
38	***Chlorangium ahmadii*** Alla Ud Din, M.S.Iqbal, Khalid & Niazi	**Plant Systematics and Evolution**	**Austria**
37	***Melanoleuca lalsuhanraensis*** H.Elahi & Niazi	**Nordic Journal of Botany**	**United States**
36	***Sarcogyne balochistanensis*** Alla Ud Din, K. Habib, Niazi and Khalid	**Biology Bulletin**	**United States**
35	***Xanthagaricus punjabensis*** Haqnawaz, Niazi & Khalid	**Phytotaxa**	**New Zealand**
34	***Clitopilus cretoalbus*** A.Izhar, Zaman, M.Asif, H.Bashir, Niazi & Khalid	**European Journal of Taxonomy**	**France**
33	***Xanthagaricus kotadduensis*** Haqnawaz, Niazi, & Khalid	**Phytotaxa**	**New Zealand**
32	***Entoloma griseofibrillosus*** A. Izhar, T. Qasim, M. Asif, Niazi & Khalid	**Phytotaxa**	**New Zealand**
31	***Hypholoma himalayense*** M. Ayyub & Niazi	**Phytotaxa**	**New Zealand**
30	***Phaeophyscia kaghanensis*** Niazi, Nadeem, Afshan & Khalid	**Cryptogamie Mycologie**	**France**

29	***Volvariella variicystidiosa*** Haqnawaz, Niazi & Khalid	**Phytotaxa**	**New Zealand**
28	***Lepiota sindhudeltana*** Haqnawaz, Niazi, Usman & Khalid	**Phytotaxa**	**New Zealand**
27	***Candolleomyces asiaticus*** M.Asif, A.Izhar, Niazi & Khalid sp. nov	**European Journal of Taxonomy**	**Europe**
26	***Iqbalia kashmirensis gen. et sp.*** Fayyaz, Afshan, Niazi & Khalid	**Mycological Progress**	**Germany**
25	***Moniliophthora pakistanica*** A. Izhar, M. Asif, Niazi, & Khalid	**Phytotaxa**	**New Zealand**
24	***Tulostoma loonbanglaense*** **Niazi**		
23	***Humaria laevispora*** **Niazi & Farooqi**	**Bangladesh Journal of Plant Taxonomy**	**Bangladesh**
22	***Cortinarius himalayanus*** Niazi and Ghafoor	**Nova Hedwigia**	**Germany**
21	***Geopora asiatica*** Jabeen, Asghar, Niazi & Khalid	**Nova Hedwigia**	**Germany**
20	***Gyalolechia Pakistanica*** S. Nadeem, Niazi, K. Habib & Khalid	**Nova Hedwigia**	**Germany**
19	***Porpidia kashmirensis*** Fayyaz, Afshan, Niazi & Khalid	**Nova Hedwigia**	**Germany**
18	***Agaricus fumidicolor*** H. Bashir, Niazi, Khalid & L.A. Parra	**Scientific reports**	**United Kingdom**
17	***Agaricus bambusetorum*** H. Bashir & Niazi	**Scientific reports**	**United Kingdom**
16	***Lepiota campestris*** Niazi, M. Asif, A. Izhar & Khalid	**Phytotaxa**	**New Zealand**
15	***Leucoagaricus fragilis*** M. Asif, Niazi, A. Izhar & Khalid	**Phytotaxa**	**New Zealand**
14	***Infundibulicybe macrospora*** M. Ali, J. Khan, Niazi & Khalid	**Phytotaxa**	**New Zealand**
13	***Russula ahmadii*** Jabeen, Razaq, Niazi, I. Ahmad & Khalid	**Phytotaxa**	**New Zealand**
12.	***Russula brunneopurpurea*** Jabeen, Niazi& Khalid	**Mycosphere**	**China**
11.	***Inocybe ahmadii*** Farooqi, Niazi& Khalid	***Mycotaxon***	**America**
10.	***Tylopilus sultanii*** Sarwar, Khalid &Niazi	***Mycotaxon***	**America**
9.	***Russula foetentoides*** Razzaq, Khalid &Niazi	**Sydowia**	**Austria**
8.	***Caeoma rosicola*** Afshan, Niazi & Khalid	**Mycotaxon**	**America**

7.	***Caeoma khanspurense*** Khalid, Afshan & Niazi	**Mycotaxon**	**America**
6.	***Caeoma ahmadii*** Afshan, Khalid & Niazi	**Mycotaxon**	**America**
5.	***Puccinia sporoboli-coromandeliani*** Afshan, Khalid & Niazi	**Mycological Progress**	**Germany**
4.	***Milesia kashmiriana*** Afshan, S.H. Iqbal, Khalid &Niazi	**Mycotaxon**	**America**
3.	***Puccinia agrostidis–caninae***Afshan, Berndt, Khalid &Niazi	**Mycotaxon**	**America**
2.	***Puccinia sporoboli-arabaci.*** Afshan, Berndt, Khalid &Niazi	**Mycotaxon**	**America**
1.	***Lysurus pakistanicus*** Iqbal, Kasuya, Khalid & Niazi	**Mycotaxon**	**America**