

YASEEN KHAN

Contact:

✉ Yaseenkhan3444@gmail.com

☎ +92-313-9873366

Address: 📍

Harichand road Akhoon dheri
pump killi, Tehsil & district
charsadda, Khyber Pakhtunkhwa,
Pakistan. Zip code: 24510



Research interest:

Arbuscular Mycorrhizal fungi (AMF) and plant interaction; Photosynthetic and metabolomics study; Plant Eco-physiology under stress condition; Ecology of fungi-root relations; Impact of AMF on Nutrients.

Research articles

- 1) Arbuscular mycorrhizal fungi promote plant growth of *Leymus Chinensis* (Trin.) Tzvelev by increasing the metabolomics activity under nitrogen addition.
[Grassland Science](#); DOI: 10.1111/grs.12299.
- 2) Metabolomics and its physiological regulation process reveal the salt tolerant Mechanism in *Glycine soja* seedling roots.
[PPB \(Elsevier\)](#); DOI:10.1016/j.plaphy.2018.03.002.
- 3) Arbuscular Mycorrhizal Fungi spores diversity and AMF infection in some medicinal plants of District Charsadda KPK Pakistan. [Pure and applied biology](#);
DOI:10.19045/bspab.2016.50141.
- 4) Ethno botanical studies of Tatta Pani Valley, Kotli, Azad Jammu and Kashmir (AJK) Pakistan.
[Journal of Medicinal Plants Studies](#) 2020; 8(3): 14-20.
- 5) Ethno botanical study of medicinal plants of district Charsadda, Khyber Pakhtoonkhwa, Pakistan.
[International Journal of Herbal Medicine](#) 2020; 8(2): 67-75.
- 6) A review on ethno botanical, pharmacological and phytochemical evaluation of *Xanthium Strumarium* X.
[IJSER](#), Volume 11, Issue 7, July-2020.
- 7) Ethno Botanical Study of Wild Medicinal Plants of Peerano Valley, District Malakand, Khyber Pakhtoonkhwa, Pakistan.
[AJPR](#); DOI:10.9734/APRJ/2020/v6i130121.
- 8) Phytochemical Assessment, in vivo Hepatoprotective and Nephroprotective Evaluation of *Aerva javanica* Crude Methanolic Extract. [AJBGMB](#); DOI: 10.9734/AJBGM/2020/v4i230100.
- 9) Investigating the floristic list along with plants life form and leaf size spectra in different localities of district Charsadda, Khyber Pakhtoonkhwa, Pakistan.
[Pure and applied biology](#); Accepted, 2020.
- 10) Variation and distribution of freshwater algae (*Chlorophyta*) of District Mardan, Khyber Pakhtoonkhwa, Pakistan.
[Pure and applied biology](#); Accepted, 2020.
- 11) Growth and yield of lens *Esculenta* influenced by application of arbuscular mycorrhizal fungi under chicken litter addition.
[Pakistan Journal of Phytopathology](#), 2020; 2(11).
- 12) Investigation of arbuscular mycorrhizal fungi from weeds plants grown in wheat crop field in district Charsadda, Pakistan.
[Pakistan journal of weeds science](#). 2020; 05(12); 56-64.
- 13) Ethno botanical study of some medicinal plants of Shergarh-Mardan, Khyber Pakhtoonkhwa, Pakistan.
[International journal of Botany studies](#)
- 14) Effect of organic and inorganic phosphorus on *Brassica oleraceae* L's growth and yield. [Pure and Applied Biology](#)
- 15) Quantifying the estimation and abundance of plant diversity of Shigar Valley, Gilgit -Baltistan, Pakistan.
[Plant diversity](#)

Education:

PhD: Continues from Northwest Agriculture and Forestry University, China

Master of Science in Botany (2017-2020).

Northeast Normal University, Changchun, China

CGPA: 3.94/4.00; Percentage: 91.6%

Lab work experience

Chromatography, Protein extraction, Centrifuge, PH meter and conductivity, AMF extraction/addition/ identification /sterilization, Measurement of Photosynthetic pigments, Plant Nutrition tests, Plant enzymes extraction, Ecological scales, Pathogen identification, Ecosystem Interaction, Stress measurements.

Languages:

English, Urdu, Pashto, Arabic, Chinese

Personal skills

Motivator, Good Interpersonal & Communication Skills
Highly self- motivated and approachable, constructive Educator, confidence booster and diplomatic Work ethics, presenter and influencer.

Seminars

- 1) The 2nd International students' Ecology and Environment Forum, Beijing Normal University, china
Dec 14, 2019, Beijing (China).
- 2) International Symposium on Grassland Ecology and sustainable management.
June 22-24, 2019 Changchun (China).
- 3) China Russian International conference and young scientist forum on ecological restoration and sustainable development.
July 1-3, 2018 Jilin (China).
- 5) Biodiversity and conservation of Khyber Pakhtoonkhwa
March 3, 2015 Abbotabad (Pakistan).
- 6) Negative impacts of global warning on Climate change
May 23, 2014 Peshawar (Pakistan).

Professional experience:

1 year teaching experience as a Lecturer at Government, Post, Graduate College Charsadda, Pakistan, under National Youth Internship Programme.

From 04/2016 - 05/2017

References:

Dr. Tabassum Yaseen, Professor (Head of Department).
Bacha Khan University Charsadda, Pakistan
Email: Tabassumyaseen@bkuc.edu.pk

Find on Research sites

Research gate:

https://www.researchgate.net/profile/Yaseen_Khan11

Orcid ID: <https://orcid.org/0000-0002-3249-3298>