



QUICK FACTS



University of Agriculture, Faisalabad - Pakistan

◀ March, 2023 ▶



University of Agriculture Faisalabad A Historical Perspective

**Punjab Agricultural College and Research Institute, Lyallpur
Established (1906)**

Affiliated to the Punjab University

✓1917- BSc Agri

✓1923 - MSc Agri

✓1942 - PhD

**Upgraded as
West Pakistan Agricultural University, Lyallpur in 1961
Now University of Agriculture, Faisalabad**

Vision

To lead the change through outstanding achievements in learning, discovery, innovation and community service with a clear focus on programs of significance to agricultural and rural development.

Mission

In order to make Pakistan a prosperous, food-secured and resilient nation, UAF aims at the following goals

- To advance knowledge through basic and applied research
- To revamp human resource development by transforming the pedagogic process from teaching to learning
- To facilitate lifelong learning by providing agriculturally focused academic programs
- To promote agrarian reforms through research based agricultural policy
- To disseminate knowledge to the community through extension and outreach
- To promote sustainable farming and food systems, from production through consumption

Officers and Authorities of the University

Officers

Chancellor
Pro Chancellor
Vice Chancellor
Pro Vice Chancellor
Deans
Principals of the Sub Campuses
Chairmen/Directors/Director General
Registrar
Treasurer
Controller of Examinations
Librarian

Authorities

Senate
Syndicate
Finance and Planning Committee
Academic Council
Selection Board
Graduate Studies and Research Board
Faculty Board
Board of Studies
Affiliation Committee
Discipline Committee
Campus Committee
Plagiarism Committee
Harassment Committee

University Faculties/institutes/ Directorates/Sub-campuses

FACULTIES

Agriculture	Social Sciences
Animal Husbandry	Sciences
Veterinary Sciences	Food, Nutrition and Home Sciences
Agri. Engg. & Technology	

INSTITUTES

National Institute of Food Science and Technology
Institute of Soil & Environmental Sciences
Institute of Horticultural Sciences
Institute of Microbiology
Institute of Physiology and Pharmacology
Institute of Business Management Sciences
Institute of Agricultural Extension and Rural Development
Institute of Agricultural and Resource Economics
Institute of Home Sciences
Punjab Bio-energy Institute
Confucius Institute



DIRECTORATES

Office of Research Innovation & Commercialization (ORIC)
 Directorate of Graduate Studies
 Directorate of Academics
 Directorate of External Linkages
 Directorate of Students Affairs
 Directorate of Information Technology Resource Center and Data Bank (ITRCDB)
 Directorate of Sports
 Directorate of Financial Assistance and University Advancement
 Directorate of Human Resource
 Directorate of Planning and Development
 Directorate of Farms
 Directorate of Procurement and Inventory Control (DPIC)

SUB-CAMPUSES

■ T.T. Singh Sub-campus ■ Burewala Sub-campus ■ Depalpur, Okara Sub-campus

Community College

■ Postgraduate Agricultural Research Station (PARS)

CENTRES

■ Water Management Research Centre ■ Pak-Korea Nutrition Centre (PKNC)
 ■ Centre of Agricultural Biochemistry and Biotechnology (CABB)
 ■ Centre for Advanced Studies in Agriculture and Food Security (CAS-AFS)
 ■ French Cultural Center ■ National Incubation Centre (NIC)
 ■ Regional Centre of Plan 9 (PITB) ■ Capacity Building Centre (CBC)

LABS

■ Central Hi-Tech Lab ■ Plant Tissue Culture Lab ■ Epidemiology Lab
 ■ Veterinary Diagnostic Lab ■ Molecular Parasitology and One-health Lab
 ■ Water Quality Lab ■ Medicinal Biochemistry Research Lab ■ Fibre Textile Lab

University Faculty

Staff in Position

Professors	40
Associate Professors	168
Assistant Professors	175
Lecturers	209
Research Officers	19
Total	611

Academic Linkages



The Universities signed
486 MoUs
 (National/International/
 Public/Private)

Graduates Produced (Since 1961) 137901

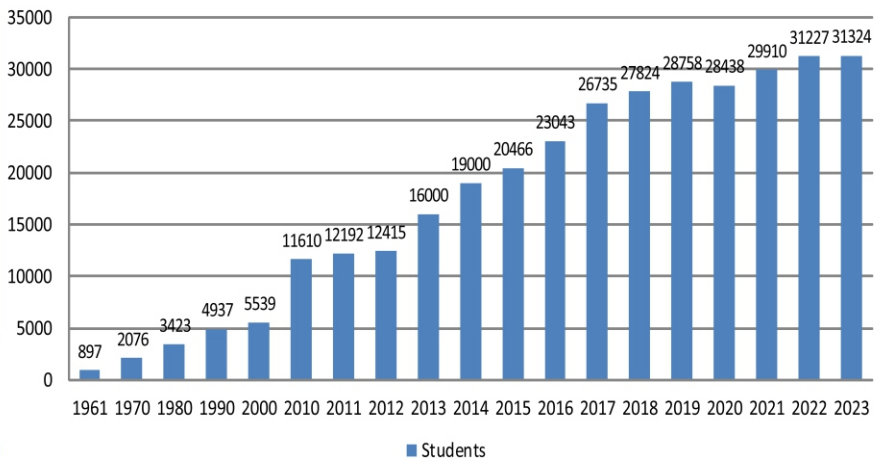
Postgraduate

PhD	2256
MSc/MSc (Hons.)/MS/MPhil	73703

Undergraduate

BSc/DVM/BSc (Hons.)	57321
BEd	2130
Intermediate	2514
Total	137,901

Student Enrolment





Infra-structure

- Total area 880 ha
 - Cultivated area 548 ha
 - Covered area 331 ha
- Residential hostels 30

Facilities

- Digital Library
- ICT Block
- Student Services Center
- Exhibition Center
- Sports Complex

Technology Transfer and Skill Development

- Outreach and Community Service
- Exhibitions/Demonstrations
- Entrepreneurship
- Call Centers/Cyber Extension
- FM Radio/Distance Learning
- Civic Engagements/ Social Work/ Schools



UNITED NATIONS
**academic
impact**



Women Empowerment

Country's Largest Women Hostel (1000 capacity)

Women Industrial Home (Variety of Skill Development Initiatives for Women)

Women Complex Comprising 4 Hostels (Lush green play grounds & other facilities)

Day Care Center (State-of-the-art facilities for little kids with professional staff)

Female Dispensary (Medical facilities for female campus community)

Massive increase in girls enrolment (Day by day number are increasing, surpassing boys)

New Women Hostel for 1000 Capacity funded by Punjab Government, 2022

Facilitation Center for day-scholar girls

Women sports complex

Bicycles for boarding girl students

Co-curricular Activities and Honours

- There are 17 clubs/societies/forums/corps for capacity building of the students including three new forums such as Entrepreneurship Club, Freelancing Club, CSS Forum and Radio Club during 2022 under the Office of the Senior Tutor.
- The Tutorial Group Meetings (TGM) system is restructured into 268 Tutorial Groups which engages more than 15,000 undergraduate students for their mentoring and character building through Co-curricular activities.
- Office of the Senior Tutor won 84 positions in various All Pakistan Level Inter-Institutional Literary Competitions during 2022. The notable institutions include GCU Lahore, FAST, PU, QU, UET Lahore, UVAS, MUST AJK, FJMU Lahore, FCCU Lahore, and KEMU Lahore etc.
- Senior Tutor Office also organized 48 events, including 7th Lyallpur Arts and Literature Festival, Gur Mela, Competitions, Workshops, Seminars, Motivational lectures and many more.
- Green Youth Movement (GYM) works for environmental protection through tree plantation.

University Sports

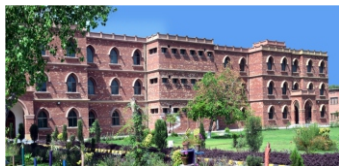
- University Handball Team took part in Kamyab Jawan Sports Festival-2021 at Islamabad and won **3rd position** with **Bronze Medal**. In the same festival, Mr. Talha Masood, secured **3rd position** with **Bronze Medal in Boxing**.
- Mr. Talha Masood, while representing UAF during National Championship at Lahore stood **3rd** with **Bronze Medal in Boxing**
- University Cricket Team participated in HEC Intervarsity Championship at University of Sargodha and declared **Zonal Champion** and qualified for the Final Round.

Agriversity Rover Scouts

Mr. Jahanzaib Rafiq won the title of Best Hiker in 8th National Desert (Rambler Badge) Hike-2023 organized by Pakistan Boy Scouts Association.



QUICK FACTS



Fatima Hall



National Incubation Centre



Exhibition Center



Facilitation Centre for Day Scholars



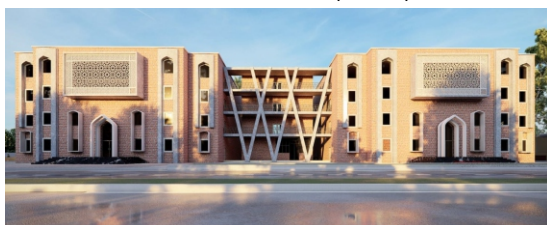
Capacity Building Center (Model)



Centre for Advanced Studies



Confucius Institute (Model)



Lodging Facility 1000 Female Students (Model)



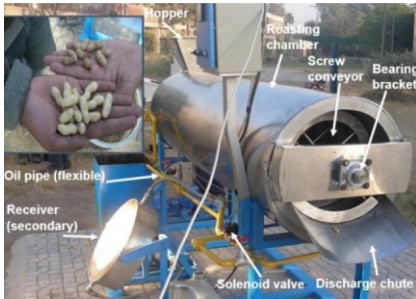
PKNC Building (Model)



Sensor Based Unmanned Aerial Agro-Chemical Spraying (UAAS) System



VegeBot – Kitchen Gardening Robot



Solar Continuous Roaster (SCR)



Dip & Grow



Fodder Chopping Machine



Fruit & Vegetable Sterilizer



Cottonized Hemp-Fiber for Denim Garments



Drum-Hermetic Commodity Storage Container



Office of Research, Innovation and Commercialization (ORIC)

Placed in "W" category with Top Position (82 Score) amongst all ORICs established in Pakistan by HEC (2012-2022)



UAF Research Portfolio (On-going Projects)

Funding Agency	No. of Projects	Amount in Rs. (Million)
National Research Projects	462	1864.898
International Collaborative Research Projects	40	373.692
Total	502	2238.59
PSDP	09	5906.137
ADP	06	2478.285
G. Total	517	10623.012

Academic Strength

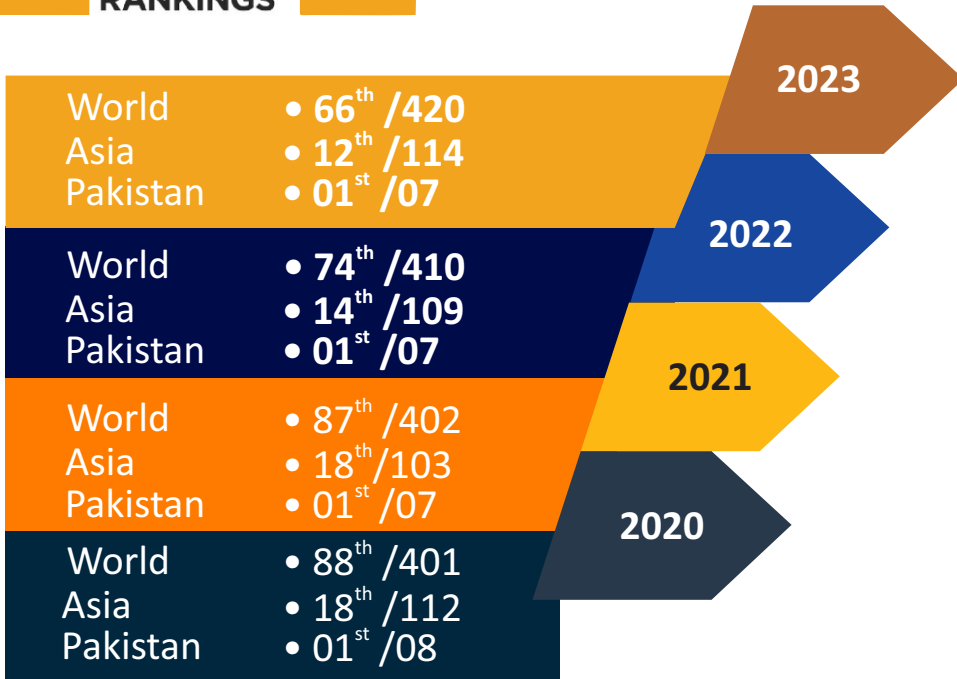
- **Degree Programs (202)**
 - ❖ 56 Undergraduate
 - ❖ 146 Postgraduate
 - ❖ 809 Short courses
- **Community College**
- **Laboratory School System**

Research Strength

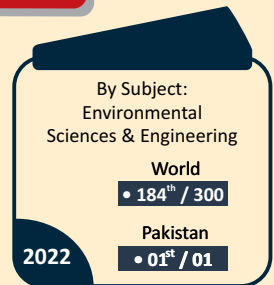
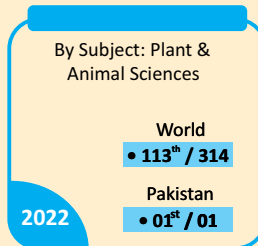
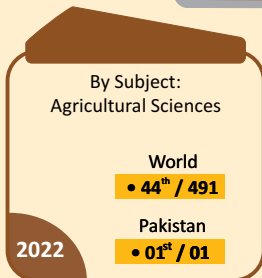
- **Researchers (611)**
 - ❖ PhDs: 470, Non - PhD: 132
 - ❖ TTS: 273
 - ❖ Research Officers: 19
- **Postgraduate Researchers (2021 -22): 8718**
 - ❖ 889 PhD scholars
 - ❖ 8659 MSc/MS/MPhil students



(Organization office in London)



**National Taiwan University (NTU)
Ranking for World Universities (Taiwan)**





Technologies Developed/Commercialized

1. Cottonized Hemp Fibers for Application in Denim Garments
2. Sisal Decorticator
3. Fibers from the Waste of Banana Plant
4. Multi-tasking Machine for Precision Sowing of Row Crops
5. Fodder Chopping Machine
6. Zone Disk Tiller
7. Sensor Based Unmanned Aerial Agro-Chemical Spraying (UAAS) System
8. Fruit & Vegetable Sterilizer
9. Android Soil Moisture Meter
10. Portable Water Monitoring System
11. VegeBot – Kitchen Gardening Robot
12. Artificial Intelligence Based Prediction System for Textile Processing Industry
13. Multi Nutrient Liquid Fertilizer (NeeRoGAH)
14. Solar Continuous Roaster (SCR)
15. Solar Dehydrator
16. Solar Distillation System
17. Solar Drying Cabinet
18. Solar Milk Chiller
19. Solar Based Desalination System Through Reverse Osmosis (Pv-Ro)
20. Variable Height Self-Propelled Multicrop Sprayer
21. Dip & Grow - A Biostimulant
22. Uni-Grow Soil Conditioner: A Low pH Organic Product
23. Plant-based Superabsorbent Polymers
24. Burrakh-A Bacterial Bioherbicide
25. Rhizogold Plus: A Biofertilizer for Wheat and Maize Production from Salt Affected Soils
26. Rhizogold: A Bio-fertilizer for Legume
27. Biostimulant Based Liquid Fertilizer
28. Uni-Micropower
29. New Premium Quality Mango Genotypes for Extended Harvest Season
30. Herbicide-tolerant (CABB-HTS) and Insect-resistant (CABB-IRS) Sugarcane
31. Anti-fungal Transgenic Sugarcane
32. Insect-resistant Chloroplast Transgenic Potatoes
33. Subunit and Biopeptide Vaccines against Livestock and Poultry Diseases
34. UAF-Gro: A Low Cost Indigenous Soilless Organic Substrate
35. New Specialty Cut Flowers for Diversification
36. Rosa centifolia UAF: A High Yielding Rose Strain for Value Addition
37. Golden Princess' & 'Golden Beauty Calendula: UAF Registered Varieties
38. Controlled Atmosphere Technology for Storage of Fresh Fruits & Vegetables

39. Changing Cultivars in Existing Citrus Orchards through Top Working
40. Modified Sun-drying Techniques for Dates
41. Strawberry Packaging in Plastic Punnets
42. Sanitized Citrus Nursery
43. Sanitized Guava Nursery Production Technology
44. Anaaji Drum-Hermatic Commodity Storage Container
45. Utilization of Rice Industrial Waste for Oil Extraction and Value Added Products
46. Modified Bran Flours
47. Post-Mortem Aging Technology: A Way to Improve Nutritional and Sensorial Quality of Meat
48. Enhancing Value Addition of Milk by Developing Specialized Cheese and Cheese Spread
49. Protocols for Commercially Processed Products of Mango, Kinnow, Potato and Tomato
50. Extreme Rainfall and Flood Monitoring System
51. Mastitis Diagnostic Kit / Mastitis Vaccine
52. Swab Test on Animal Food for the Detection of Antibiotic Residues in Meat, Milk and Eggs
53. BIOMOSKILL PLUS: A Technology for the Control of Mosquito Larval Population in Water
54. Bio-Dewormer Powder
55. Golden Nuggets: Animals Feed from Citrus Pulp Waste
56. UniGold-A Naked Neck Poultry Breed
57. PB-896- A Promising Cotton Line at Final Stage of Approval as Variety
58. Natural Menthol Crystals
59. Portable Solar Umbrella
60. High Yielding Sorghum for Kharif Fodder
61. Vermitechnology: Converting Trash into Cash

Technology Development Fund

**(A joint venture of HEC,
Academia & Industry)**

Total projects awarded: 202
UAF: 24
No other university with >15
projects





Patents Registered: 24

Patent No: 138401/2005

**New Technology of Mass Rearing of
Chrysoperla carnea**

Prof. Dr. Muhammad Ashfaq (T.I)

Patent No: 138744/2005

**Nucleotide sequence analysis of the
Hypervariable region of Hexon gene of
Fowl adeno virus 1 serotype 4 from Pakistan**

Prof. Dr. Muhammad Mansoor
Dr. Iftikhar Hussain

Patent No: 138402/2005

**Mass Rearing Technology for a Larval
Parasite Brancion hebetor on
Commercial Scale**

Prof. Dr. Muhammad Ashfaq (T.I)

Int. Patent No: Us10362787 B2/2019

**Method for propagating microorganisms within
plant bioreactors and stably storing
microorganisms within agricultural seeds**

Dr. M. Naveed

Patent No: 138398/2004

Mineral Supplement Packet

Prof. Dr. Muhammad Ashfaq (T.I)

Int. Patent No: ES 2589171/2017

**Method and installation for extraction and
purification of essential oils from natural
resins to produce dynamic flavors and fragrance**

Dr. Asif Hanif

Patent No: 139296/2005

A Zone Disk Tiller Drill

Prof. Dr. Muhammad Iqbal

Patent No: US 10,271,554, B2/2019

Plant Containing Beneficial Endophytes

Dr. Muhammad Naveed

Patent No: 139291/2005

A University Boom Sprayer

Prof. Dr. Muhammad Iqbal

Patent No: 143349/2020

**Flow velocity measurement by impact
surface mechanism**

Dr. Uzair Qamar

Patent No: 139290/2005

A University Boom Sprayer Test Bench

Prof. Dr. Muhammad Iqbal

Patent No: 143588/2020

Climate smart storage technology

Dr. Ifran Afzal

Patent No: EP 2866541 B1/2019

**Method for producing plant seed containing
endophytic bacteria**

Dr. M. Naveed

Patent No: 144012/2022

**Method of intelligently prognosticating the
shade hange of dyed knitted fabric after finish
application**

Dr. Assad Farooq

Patent No: US 0283690/2020

Cobalt Hydroxystannate Nanocube Fuel Additive

Dr. Saba Jamil, Dr. Shanza Rauf Khan

Patent No: 143806/2021

A Multi-Strain novel bioformulation of bacterial strains for leguminous crops

Prof. Dr. Zahir Ahmad Zahir

Patent No: US 10882029/2020

Graphene Oxide and Cobalt Tin Oxide Nanocomposite and Method of Use

Dr. Saba Jamil, Dr. Shanza Rauf Khan

Patent No: 143845/2021

Thermal oil based solar roaster

Dr. Anjum Munir

Patent No: 144069/2020

Novel Process for rapid detection of sulfenamide residues in dairy milk

Dr. Faqir Muhammad

Patent No: 143974/2022

Scope-Up : Solar Cold Storage for Perishables with Energy-Efficient Ultimate Cooling Pads

Dr. Anjum Munir

Patent No: 143872/2022

A Novel indigenous organic soilless substrate for containerized plant production

Dr. Iftikhar Ahmad

Patent No: 143999/2022

Inline airflow solar assisted food dryer for reducing energy and drying heterogeneity

Dr. Waseem Amjad

Patent No. 144059/2020

Polyherbal-mineral vitamin based supplement formulation for the enhancement of growth performance and immunity in poultry

Dr. Sibtain Ahmad

Research Publications (with & without Impact Factor of UAF from Google Scholar 31.01.23)

