

2023-24 ANNUAL REPORT



**UNIVERSITY OF
AGRICULTURE**
FAISALABAD - PAKISTAN

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Preparation of Annual Report 2023-24

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2023-24
ANNUAL REPORT



UNIVERSITY OF
AGRICULTURE
FAISALABAD-PAKISTAN



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Chief Minister of the Punjab



Syed Muhammad Ashiq Hussain Kirmani

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Prof. Dr. Zulfiqar Ali
Vice Chancellor

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Foreword

The University of Agriculture, Faisalabad (UAF) aims to create a long-term impact via sustainable agricultural production, technological innovation, and competent manpower to ultimately, provide innovative knowledge, breakthrough research, and futuristic leadership. Under its prime mandate, UAF expands, advances, and promotes education and research through innovative and contemporary approaches to remain competitive in the global arena, state-of-the-art framework for global competitiveness and innovative pathways, in pursuing its commitment to education, research and community services. UAF links research activities directly to the educational and economic priorities of the country.

The Annual Report 2023-24 encapsulates UAF's ambitions, achievements, and initiatives in diverse fields of learning and innovation. During the year, UAF research was transformed into products and services for the community. Several research patents were registered and filed, and various seminars, conferences, symposia, and workshops were organized to keep researchers updated with current knowledge and to enable continued service to the community.

University of Agriculture, Faisalabad has consistently undertaken numerous large-scale research, initiatives and community based development projects/services and improvement in academic infrastructure. UAF established flagship initiatives such as the Pak-Korea Nutrition Center, National Center for Genome Editing in Crops, and the Seed Center. Crop varieties—Quinoa UAF Q-7, Maize Pro-Vitamin A—and flower varieties—Golden Princess and Golden Beauty (Gul-e-Ashrafi)—were approved by the respective authorities for general cultivation, while mango, okra, wheat, cotton, and sunflower varieties are at various stages of approval. In collaboration with the Punjab Agriculture Department, UAF launched a massive provincial campaign on wheat growing and farmers' consultation. UAF deputed 20,000 students and 100 faculty members across the five divisions of Punjab to raise awareness among farmers about the Government of Pakistan's incentives and policies—such as the Kisan Card, Agricultural Transformation Plans, and National Productivity Enhancement Plans.

Thus, UAF has evolved in response to contemporary challenges while pursuing its larger goals to transform national agriculture and support the farming community's success. UAF's research initiatives, community based development and service projects will ultimately bolster the status of agriculture, giving it a stature comparable to professions deemed more prestigious. Drawing upon contemporary interdisciplinary research, UAF moves forward with a focus on quality and impactful research and knowledge dissemination to solve the problems of the farming community and civil society.

The scientific community at UAF is confident that the university will continue to grow and expand steadily, with rejuvenated spirits, renewed vision and strengthened resolve to overcome any challenges—seeking new vistas of progress, innovation, and prosperity. Last but not least, I appreciate the entire editorial team and advisory committee for doing a commendable job preparing this annual report, which reflects the tenacity, devotion, and commitment of the faculty and administration at the University of Agriculture, Faisalabad, Pakistan.

Prof. Dr. Zulfiqar Ali
Vice Chancellor
University of Agriculture, Faisalabad

KEY PERFORMANCE INDICATORS

QS World UAF Ranking

By Subject Agri.
& Forestry

World: 49th/450
Asia: 10th/122

Overall World
University Ranking

World: 741st/1499
Pakistan: 6th/14



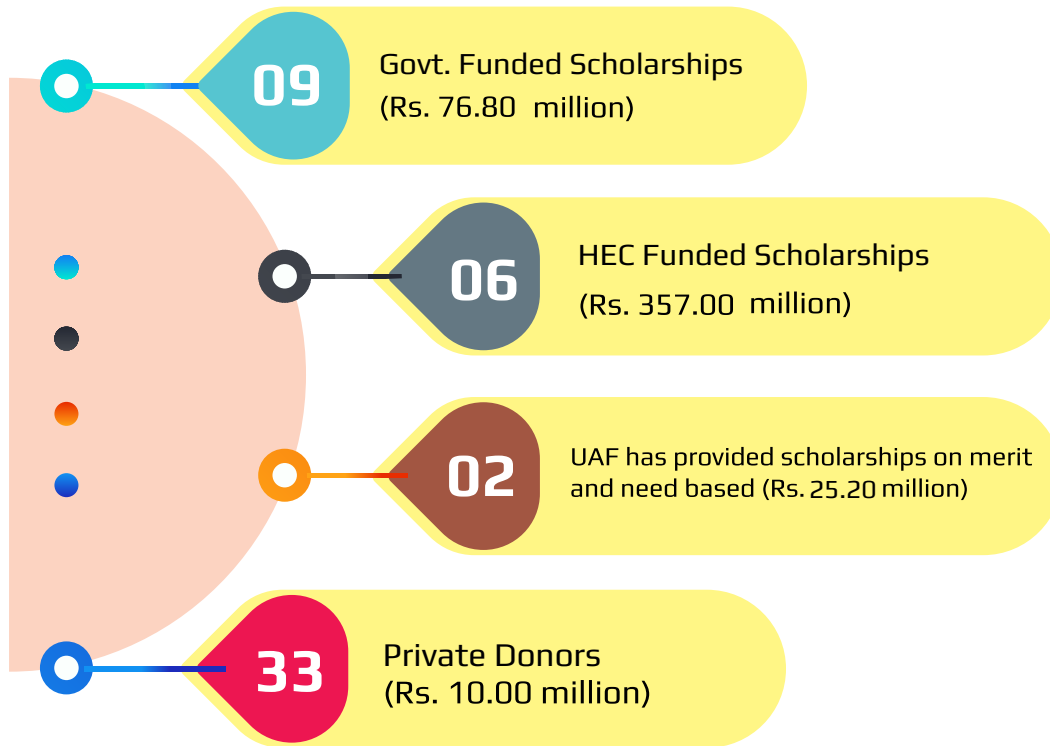
UAF takes care of more than

222

Degree Programs

KEY PERFORMANCE INDICATORS

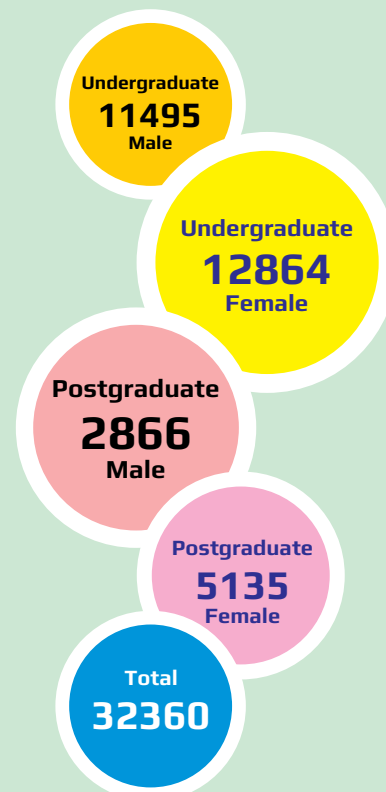
Scholarships/Financial Assistance Total 414.54 million PKR



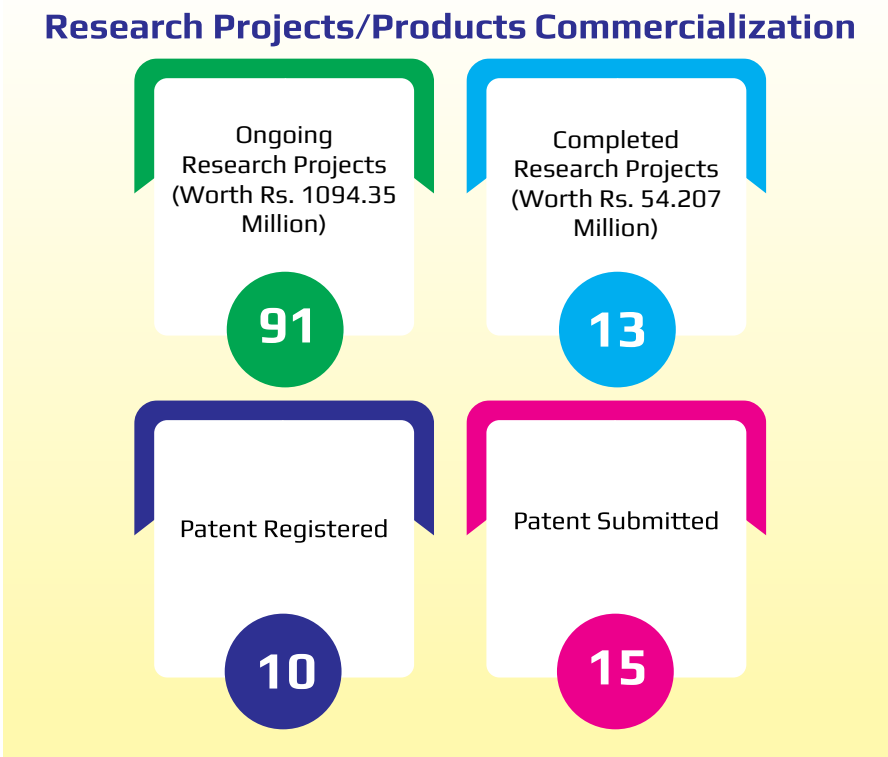
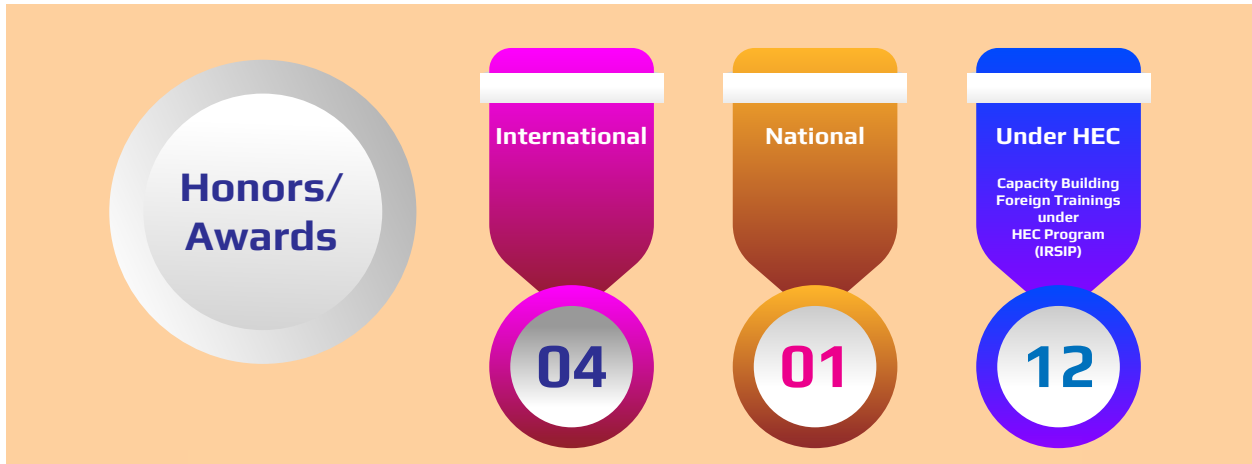
Faculty/Staff 591



Students' Enrollment



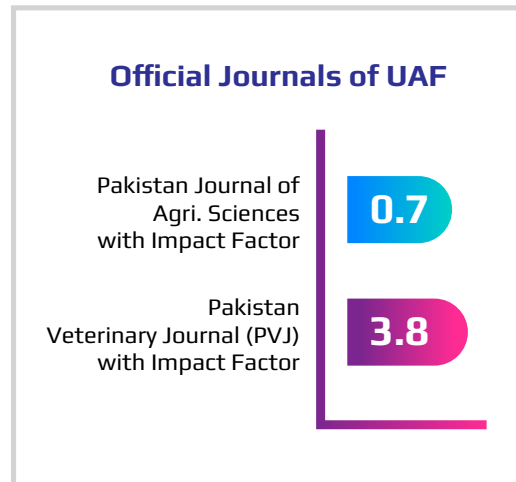
KEY PERFORMANCE INDICATORS



MoUs signed by the University



KEY PERFORMANCE INDICATORS



Seminars/Symposia/Conferences/Workshops/Trainings



Target Milestones Achieved

(Quick Facts)

Ranking of the University

QS World University Ranking (London) 2023-24

By Subject: Agri. & Forestry

World:	66th out of 420	(2023)
Asia	12th out of 112	(2023)
Pakistan	1st out of 7	(2023)
World:	49th out of 450	(2024)
Asia	10th out of 122	(2024)
Pakistan	1st out of 8	(2024)

By Region

Asia	210th out of 760	(2023)
Pakistan	08th out of 50	(2023)
Asia	167th out of 856	(2024)
Pakistan	06th out of 63	(2024)

By World

World	1001-1200	(2023)
Pakistan	10th out of 13	(2023)
World	741st out of 1499	(2024)
Pakistan	06th out of 14	(2024)

- **Hybrid courses:** Fifty hybrid courses have been developed by the University for online accessibility of students
- **Language courses:** Chinese, French English (IELTS) are conducted by the university

Honors/Awards

International Awards	04
National	01
Capacity Building Foreign Trainings under HEC Program (IRSIP)	12

Degree programs

UAF takes care of more than 222 degree programs

Official Journals of UAF

Pakistan Veterinary Journal (PVJ) with Impact Factor	3.8
Pakistan Journal of Agri. Sciences with Impact Factor	0.7

Publications

Research Publications With Impact Factor	2014
Research Publications without Impact Factor	437
University Outreach Publications	05

Research Projects/Products Commercialization

Ongoing Research Projects (Worth PKR.1102.4 million)	98
Research Projects Completed (Worth Rs. 54.207 million)	13
Ongoing Research Projects by Industry (Worth Rs. 21.517 million)	07
Patent Registered	10
Patent Submitted	15

Scholarships/Financial Assistance

Govt. Funded Scholarships (Rs. 76.80 million)	09
HEC Funded Scholarships (Rs. 357.00 million)	06
UAF has provided scholarships on merit and need based (Rs. 25.20 million)	02
Private Donors (Rs. 10.00 million)	33
Total 469 million PKR	50

Seminars/Symposia/Conferences/Workshops/Trainings

Faculty members completed pursuing PhD/Post Doc	24
Teachers proceeded on long and short trainings in different countries	39
Teachers participated in different seminars/symposia/conferences etc. within the country	329
Trainings events conducted by the Directorate of Academics and Teaching Resource Center	07

• MoUs signed by the University

International Organizations	34
National Organizations	03
Private Sector	19
Industry	01
Total	57

• Manpower Trained

Name of Degree	Number
PhD	139
MPhil/MS	4374
BSc (Hons)/DVM/BS	6059
BEEd	760
Skill Development Courses	1351
Internship Programs at UAF from Other Institutions	59
Ph.D. Teaching Assistants	476
Professional Training for the Officers of Agriculture Department (9 Sessions)	264
Total	2917

• Faculty Positions

Professors	32
Associate Professors	189
Assistant Professors	158
Lecturers	185
Research Officers	09
Network Administrators	02
Adhoc/ Contract Staff	10
Farm Manager	01
Research Associate	01
Web Developers	04
TOTAL	591

• Sports/Co-curricular Activities

Co-curricular and Extra-curricular activities by the Office of the Senior Tutor (on campus)	50
Co-curricular and Extra-curricular activities by the Office of the Senior Tutor (off campus)	65
Participations in Inter-Varsity Sports Championships	11

UAF Rover Scouts' participation in events	05
Inter-department and other University Sports Activities	44

• Students Enrollment

Degree	Male	Female	Total
Undergraduate	11495	12864	24359
Postgraduate under Evening/Weekend at Main and Sub Campuses	2866	5135	8001
Total	14361	17999	32360

• Community Service Events

A total of **529 Events** were held, covering a wide range of Religious, Academic, Cultural, Social and Awareness Activities:

- **Religious & Cultural Programs: 15 Events**, including Quran Distribution, Qirat & Naat Competitions, Eid Milad-un-Nabi Celebrations, Islamic Lectures, and Quizzes.
- **Institutional Engagements: 11 visits** to Public Universities/Colleges, **10** to private Institutions, **7** Public Sector Programs, and **8** Private Sector Programs.
- **Special Engagements: 62** Foreign Visits (189 Foreigners), **9** Management Training Tours, **8** Written/Entry Tests for Organizations.
- **Agriculture & Farmers' Outreach: 17** Activities, including Farmer Melas, Training, Capacity Building and Digital Market Linkages.
- **Women-Centric Programs: 19** Events for Women's Health, Rights, Training & Awareness (e.g., Breast Cancer, Sexual Harassment Law, Climate-resilient Gardening).
- **Academic & Professional Development: 297** Seminars, Workshops, Conferences and related Programmes.
- **Outreach Activities: 36 Programs** targeting communities.
- **National & International Days/Cultural Shows: 28** Celebrations, including Independence Day, Kashmir Solidarity Day, World Food Day, Environment Day, Cultural Festivals and Animal Shows.

Grand Total: 529 Events conducted across Diverse Sectors, Enhancing Community Engagement, Education, Health Awareness, Cultural Heritage and Professional Development.

VISION

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



MISSION

In order to make Pakistan a prosperous, food-secure and resilient nation, aims and goals of UAF are as follows:

- ❑ 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 agricultural 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



BRIEF ON THE UNIVERSITY OF AGRICULTURE, FAISALABAD-PAKISTAN

The region's first major agricultural higher learning institution was the Punjab Agricultural College and Research Institute, Lyallpur (Present Faisalabad) established in 1906. It served for much of the century as the premier center for tropical agricultural education and training, contributing substantially to agrarian development through knowledge creation and dissemination.

After independence, the Government of Pakistan appointed a National Commission on Food and Education to review the agrarian system in all its aspects and propose measures to harness the full potential of agricultural resources. The Commission strongly recommended establishing an agricultural university to enhance research and education. Pursuant to these recommendations, in 1961 the former Punjab Agricultural College and Research Institute, Lyallpur was upgraded to the University of Agriculture, Faisalabad.

The Governor of Punjab is the Chancellor of the university, with the Punjab Agriculture Minister as Pro Chancellor. The Vice Chancellor is the Principal Executive and Academic Officer, responsible for running the university in accordance with its Act, statutes, rules, and regulations. The Chancellor acts as the appellate authority for any university action or decision and may order a merit based review.

UAF as Pakistan's leading institute producing highly educated, trained, inspired professionals and future scientists, UAF has played a pivotal role in agricultural modernization and rural upliftment, not only in Pakistan but also in many developing and developed countries. The university focuses on transferring knowledge to the farming community, working multidimensionally to improve their socioeconomic status and boost national agricultural exports.

UAF secured 61st position in Plant & Animal Sciences in the National Taiwan University (NTU) Rankings 2023, and 66th place in Agriculture & Forestry in the QS World University Rankings 2023. These achievements underline its standing as a globally recognized institution.

In short, UAF has evolved into Pakistan's premier agricultural education and research institution. Renowned globally for its contributions to sustainable agriculture, food security, and rural development, UAF offers a diverse range of academic programs, cutting edge research facilities, and strong industry linkages. With its commitment to excellence, UAF continues to serve as a hub for knowledge creation, policy guidance, and capacity building, contributing significantly to national and global agricultural progress.



ACADEMIC ORGANIZATION

The academic organization is assigned to impart education, conduct research and extension in various disciplines through different Faculties, Sub Campuses, Constituent Colleges, Directorates, Institutes and Departments. The Faculties are headed by Deans, Sub Campus and Constituent College by Principals, Institutes and Directorates by Directors and the Departments by one of the Senior Teachers of the Department, called the Chairman. The University's 7 Faculties, 4 sub campuses, 11 Institutes, 15 Directorates, 9 Centers, a well organized Laboratory School & College Syatem and 7 Public Sector Institutions affiliated with the University details as follows:

a) Faculties

- o Faculty of Agriculture
- o Faculty of Social Sciences
- o Faculty of Agricultural Engineering and Technology
- o Faculty of Animal Husbandry
- o Faculty of Veterinary Science
- o Faculty of Sciences
- o Faculty of Food, Nutrition & Home Sciences

b) UAF Constituent Colleges

- o Toba Tek Singh Campus
- o Burewala Campus
- o Depalpur (Okara) Campus
- o UAF PARS

c) Institutes

- o Institute of Soil & Environmental Sciences
- o Institute of Horticultural Sciences
- o Institute of Business Management Sciences
- o Institute of Agricultural Extension, Education and Rural Development
- o Institute of Agricultural and Resource Economics
- o National Institute of Food Science & Technology
- o Institute of Home Sciences
- o Institute of Microbiology
- o Institute of Animal and Dairy Sciences
- o Institute of Physiology & Pharmacology
- o Punjab Bioenergy Institute

d) Directorates

- o Directorate of Research, Innovation and Commercialization (ORIC)
- o Directorate of Graduate Studies
- o Directorate of Students Affairs
- o Directorate of Sports
- o Directorate of Financial Assistance and University Advancements
- o Directorate of Planning & Development
- o Directorate of Academics & Teaching Resource Center
- o Directorate of External Linkages
- o Directorate of Outreach
- o Directorate of Procurement & Inventory Control
- o Endowment Fund Secretariat (EFS)
- o Directorate of Admissions
- o Directorate of Human Resource
- o Directorate of Internal Audit
- o Directorate of Monitoring & Evaluation

e) Centers

- o Centre of Agricultural Biochemistry and Biotechnology (CABB)
- o Water Management Research Centre (WMRC)
- o Center for Advanced Studies in Agriculture & Food Security (CAS-AFS)
- o Business Incubation Center (BIC)
- o Career Development Center (CDC)
- o Agri. Policy, Law & Governance Center (APLGC)
- o Neurocognitive Behavioral Research Center (NBRC)
- o Saline Agriculture Research Center (SARC)
- o Professional Training & Skill Development Center (PTSDC)

f) Affiliated Public Sector Institutions

- o In Service Agricultural Training Institute, Sargodha
- o In-Service Agricultural Training Institute, Rahim Yar Khan
- o Pak-German Institute of Co-Operative Agriculture, Chak-5 Faiz, Multan
- o Barani Agricultural Training Institute, Dahgal, Rawalpindi
- o In-Service Agricultural Training Institute,

- o Karor Lal Eisan, Distt. Layyah
- o Extension Services Management Academy (ESMA) Garhi Dopatta, Muzaffarabad, Azad Kashmir
- o Army Service Corps School Nowshera Cantt.

g) Departments

There are 28 teaching departments of the University working under different faculties.

h) Women Industrial Home

Women Industrial Home is working since 1970 for welfare of B and C grade employees of the university and general masses. Accordign to the present setup many short courses are being offered at Women Industrial Home. Qualified and experienced staff is hired for imparting skill development.

i) Day Care Centre

A Day Care Centre has also been established at main campus

j) Schools

The University also runs following Lab. Schools:

- o Junior Lab. School (Main Campus)
- o Laboratory Higher Secondary School (for Girls) (Main Campus)
- o Laboratory Higher Secondary School (for Boys) (Main Campus)
- o Junior Lab. School/Lab. Girls High School at PARS
- o Junior Lab. School at Toba Tek Singh
- o Junior Lab. School at Muhallah Usman-e-Ghani, GM Abad, Faisalabad



ACADEMIC ACTIVITIES

Campus-wise Undergraduate Degree Programs

Main Campus

SN	Degree / Certificate	Duration (Years)
1	BSc (Hons.) Agriculture	4 Years
2	BSc (Hons.) Environmental Science	4 Years
3	BS Forestry	4 Years
4	BSc Agri. Engineering	4 Years
5	BSc Energy Systems Engineering	4 Years
6	BSc Environmental Engineering	4 Years
7	BSc Food Engineering	4 Years
8	BSc Textile Engineering Technology	4 Years
9	BS Animal Science	4 Years
10	BS Dairy Science	4 Years
11	BSc (Hons.) Poultry Science	4 Years
12	BSc (Hons.) Food Science & Technology	4 Years
13	BSc (Hons.) Home Economics	4 Years
14	BSc (Hons.) Human Nutrition & Dietetics	4 Years
15	Bachelor of Fine Arts	4 Years
16	BS Bioinformatics	4 Years
17	BS Computer Science	4 Years
18	BS Information Technology	4 Years
19	BS Software Engineering	4 Years
20	BSc (Hons.) Agri. & Resource Economics	4 Years
21	BBA	4 Years
22	BBA (Agribusiness)	4 Years
23	BS Commerce	4 Years
24	BS Economics	4 Years
25	BS Education	4 Years
26	BS Sociology	4 Years
27	Doctor of Veterinary Medicine (DVM)	5 Years
28	Doctor of Pharmacy (Pharm.D)	5 Years
29	BSc (Hons.) Microbiology	4 Years
30	BEd	2 Years

UAF PARS Campus

31	BS Biochemistry	4 Years
32	BS Botany	4 Years
33	BS Chemistry	4 Years
34	BS English (Language & Literature)	4 Years

SN	Certificate/Degree	Duration (Years)
35	BS Mathematics	4 Years
36	BS Physics	4 Years
37	BS Statistics	4 Years
38	BS Zoology	4 Years
39	BS Computer Science	4 Years
40	BS Software Engineering	4 Years
Sub-Campus (Toba Tek Singh)		
41	BS Poultry Science	4 Years
42	BS Computer Science	4 Years
43	BS Chemistry	4 Years
44	BS Zoology	4 Years
45	BBA	4 Years
46	BS Animal Science	4 Years
47	BS Information Technology	4 Years
48	BS Biochemistry	4 Years
49	BS Botany	4 Years
50	BS Physics	4 Years
51	BS Mathematics	4 Years
52	BS English (Language & Literature)	4 Years
53	BSc (Hons.) Human Nutrition & Dietetics	4 Years
54	BEd	2 Years
Sub-Campus (Burewala)		
55	BSc (Hons.) Agriculture	4 Years
56	BS Computer Science	4 Years
57	BBA (Agribusiness)	4 Years
58	BBA	4 Years
59	BS Chemistry	4 Years
60	BS Botany	4 Years
61	BS Zoology	4 Years
62	BS Mathematics	4 Years
63	BS Physics	4 Years
64	BS Information Technology	4 Years
65	BSc (Hons.) Food Science & Technology	4 Years
66	BS English (Language & Literature)	4 Years
67	BEd	2 Years
Sub-Campus (Depalpur)		
68	BSc (Hons.) Agriculture	4 Years
69	BS Chemistry	4 Years
70	BS Zoology	4 Years
71	BS Physics	4 Years

SN	Certificate/Degree	Duration (Years)
72	BS Mathematics	4 Years
73	BS Computer Science	4 Years
74	BS Sociology	4 Years
75	BSc (Hons.) Food Science & Technology	4 Years
76	BS Information Technology	4 Years
77	BEd	1.5 Years



SHORT COURSES

A. Own Sources (Evening Courses)

SN	Course Name	Duration	Education	Male	Female	Total
1.	Equitation	One Month	Middle	110	10	120
2.	Poultry Feeding Course	Two Week	Middle	15	0	15
3.	Methods for Seed Testing	Three Week	Matric	25	3	28
4.	Community Development	Three Month	Matric	6	0	6
5.	Home Baking	Two Week	Middle	0	18	18
6.	Fruit & Vegetable Preservation	Two Week	Middle	18	3	21
7.	Fruit & Vegetable Culture	Two Week	Middle	20	4	24
8.	Water Quality for Agriculture	Two Week	Middle	35	0	35
9.	Mushroom Cultivation	Two Week	Middle	80	5	85
10.	Lab. Attendant	Three Month	Middle	29	20	49
11.	Agro Forestry as a Business	One Week	Matric (2nd Div.)	10	0	10
12.	Cultivation of Medicinal Plant	Three Month	Matric	15	0	15
13.	Advance Equitation	One Month	Equitation Pass	23	0	23
14.	Tunnel Farming	Six Month	Matric	18	0	18
15.	Advance Mali Course	Three Month	Middle + Mali Pass or 3 months Experience	4	0	4
16.	Farm Forestry for Field Officer	Two Week	Agri. Graduate	7	0	7
17.	Kitchen Gardening & Floriculture	Two Week	Middle	20	2	22
18.	Lab. Assistant	Three Month	Matric+Lab. Attendant Pass	5	3	8
19.	Clinical Biochemistry	Three Month	F.S.C. Medical, Tib Unani, Acupuncture	60	34	94
20.	Forest Nursery Establishment	One Week	Matric (2nd Div.)	17	0	17
21.	Pest Management	Two Week	Middle	27	0	27
22.	Planting Geometry of Major Crops	Two Week	Middle	18	3	21
23.	Saline Sodic Soil Problem	One Week	Middle	7	0	7
24.	Crop Management on Problem Soil	One Week	Middle	34	4	34
25.	Horticultural Nurseries	Three Month	Matric	14	5	19
26.	Sericulture	One Month	Middle	15	0	15
27.	Spoken English	Two Month	Matric	50	59	109

SN	Course Name	Duration	Education	Male	Female	Total
28.	Computer Short Course	Two Month	Matric	63	60	123
29.	Plant Protection	One Week	Middle	40	4	44
30.	Planting Geometry for Major Crops	One Month	Middle	16	5	21
31.	Allelopathy for Crops	Ten Days	Middle	10	30	40
32.	Remedial Measures for Saline & Alkaline Soil	One Week	Middle	20	5	25
33.	Bee Keeping	One Month	Middle	7	0	7
34.	Fruit Diseases & their Control	Two Week	Middle	27	3	30
35.	Crop Diseases & their Control	Ten Days	Middle	60	15	75
36.	Veterinary First Aid	Two Week	Middle	35	0	35
37.	Taxidermy of Birds	Two Week	Matric	7	0	7
38.	Livestock Feeding Course	Two Week	Middle	31	0	31
39.	Use & Maintenance of Farm Machinery	Three Months	Matric (Sci.)	13	0	13
40.	Farm Irrigation Management	One Month	BSc. (Hons)	22	0	22
	Sub Total			889	427	1331
B. Funded Courses						
41.	Artificial Insemination under NAVTTC	Six Month		20	0	20
	Sub Total					20
	G. Total					1351



LIST OF MOUS/LOIS/AGREEMENTS SIGNED BY THE UNIVERSITY OF AGRICULTURE, FAISALABAD, PAKISTAN WITH INTERNATIONAL, NATIONAL GOVT. (PUBLIC) ORGANIZATION, PRIVATE ORGANIZATIONS AND INDUSTRIES

International MoU/Lol/Agreements

SN	Title of MoUs/Lols/Agreements	Focal Person	Date of Signing	Syndicate approval date
1.	Lol between UAF-Pakistan and the Grassroots Institute, Montreal-Canada	Dr. Babar Shahbaz, IAEE&RD	3/7/2023 (2½ years)	7/9/2023
2.	Agreement of Cooperation and Exchange between UAF-Pakistan and Institute Polytechnique UniLaSalle, France	Dr. Rizwan Shukat, NIFSAT	4/7/2023 (Five years)	16/12/2023
3.	Lol between UAF-Pakistan and Institute Polytechnique UniLaSalle, France	Dr. Rizwan Shukat, NIFSAT	4/7/2023 (Five years)	26/1/2024
4.	Lol between UAF-Pakistan and Shenyang Normal University, P.R. China.	Dr. Abid Ali, Associate Professor, Entomology	25/7/2023 (Five years)	16/12/2023
5.	Lol between UAF-Pakistan and Qingdao Agricultural University, P.R. China	Dr. Abid Ali, Associate Professor, Entomology	25/7/2023 (Five years)	16/12/2023
6.	Lol between UAF-Pakistan and Henan Agricultural University, China	Prof. Dr. M. Saqib, Director, External Linkages	25/7/2023 (Five years)	16/12/2023
7.	Lol between UAF-Pakistan and Institute of Plant Protection, Chinese Academy of Agricultural Sciences, P.R. China	Dr. Abid Ali, Associate Professor, Entomology	27/7/2023 (Five years)	16/12/2023
8.	Agreement between UAF-Pakistan and College of Plant Protection, Henan Agricultural University, China	Dr. Abid Ali, Associate Professor, Entomology	28/7/2023 (Five years)	4/7/2024
9.	Doctoral Training Program Plant Protection, Guizhou University (GZU), China and UAF (MS Degree Program 2+1) (PhD Degree Program 3+ 1) CCTE Model Modern International Dual Degree Joint Education Program	DEL-UAF	1/8/2023 (Five years)	16/12/2023
10.	Material Transfer Agreement between UAF-Pakistan and USDA, ARS, PWA Grain Legume Genetics and Physiology Research 2070 IT Building, Pullman, Washington, 99164, USA	Dr. M. Ahsan Khan, Assistant Professor, PBG	30/8/2023 (Five years)	16/12/2023

SN	Title of MoUs/Lols/Agreements	Focal Person	Date of Signing	Syndicate approval date
11.	Service Agreement between UAF and U.S. Department of State to Execute English Access Microscholarship Program from 11.9.2023 to 31.7.2025 (File Sr. # 208)	Dr. Anjum Zia, Principal, UAF Community College, PARS-UAF	11/9/2023 (Two years)	16/12/2023
12.	Lol between UAF-Pakistan and GuanZhou Institute of Software Application Technology, P.R. China and Guangdong CAS Cogniser Information Technology Co. Ltd, P.R. China	Dr. Saqib Ali, Asstt. Prof., CAS-UAF Prof. Dr. Sultan Habibullah Khan, Director, CAS-UAF	13/9/2023 (Five years)	16/12/2023
13.	MoU between UAF-Pakistan and Asia and Pacific Seed Alliance Ltd., Seed Association of Pakistan, Singapore (079333)	DEL-UAF	13/9/2023 (Three years)	26/1/2024
14.	Lol between UAF-Pakistan and University of Southern Queensland Toowoomba, Australia	DEL-UAF	8/11/2023 (Three years)	16/12/2023
15.	Student Exchange Agreement between UAF-Pakistan and Huazhong Agricultural University (HZAU), China	Prof. Dr. M. Jafar Jaskani, ORIC	9/11/2023 (Five years)	16/12/2023
16.	Lol between UAF and Spurt International and PUM Netherlands Senior Experts	Dr. Adnan Younis, IHS	1/12/2023 (One year)	16/12/2023
17.	Lol between UAF and State Company (SC) "Center for Evaluation of the Quality of Agricultural Products" under the "Uzagroinspection" under the Control of Ministry of Agriculture of the Republic of Uzbekistan, Tashkent, Uzbekistan	Dr. Irfan Afzal, Agronomy	5/12/2023 (Five years)	In process
18.	Agreement for Joint Research Proposal between the Scientists of Oil Crop Research Institute, CAAS, China and CABB-UAF	Rao Sohail Ahmad Khan, CABB	1/1/2024 (Two years)	26/1/2024
19.	MoU between Gansu Vocational College of Agriculture, China and UAF- Pakistan and Tang Chinese Education and Technology Ltd.	DEL-UAF	26/1/2024 (Five years)	29/2/2024
20.	Agricultural Cooperative Agreement between IHS-UAF Pakistan and Guangxi Subtropical Crops Research Institute (GSCRI), China	Dr. Muhammad Usman, Inst. of Horticultural Sciences	2/2/2024 (Five years)	29/2/2024

SN	Title of MoUs/Lols/Agreements	Focal Person	Date of Signing	Syndicate approval date
21.	Lol between UAF-Pakistan, University of Veterinary and Animal Sciences, Lahore, University of Agriculture, Peshawar, Riphah International University, Lahore and Jordan University of Science & Technology's Princess Haya Biotechnology Center	Dr. Sultan Ali, Institute of Microbiology	26/2/2024 (Five years)	23/4/2024
22.	Lol between UAF-Pakistan and Russian Timiryazev State Agrarian University, Moscow	Prof. Dr. Muhammad Saqib, IS&ES	1/3/2024 (Five years)	23/4/2024
23.	Lol between UAF-Pakistan and Chinese Academy of Sciences, The P.R. China	Dr. Yasir Jamil, Physics	18/3/2024 (Five years)	23/4/2024
24.	Lol between UAF and Universiti Pendidikan Sultan Idris, Malaysia	Dr. Khurram Ali, Physics	1/3/2024 (Five years)	23/4/2024
25.	Lol between UAF-Pakistan and Biogas Institute of Ministry of Agriculture and Rural Affairs (BIOMA), Chengdu, China	Prof. Dr. Anjum Munir, Energy System Engg.	26/3/2024 (Five years)	23/4/2024
26.	MoU between UAF-Pakistan and The Instituto Nacional De Tecnologia Agropecuaria, Argentina	Dr. Zia ur Rehman, IS&ES	2/4/2024 (Five years)	4/7/2024
27.	Lol between UAF-Pakistan and Meta Genic Business Group Inc., Canada	Dr. Zaheer Ahmed, CAS- AFS	5/4/2024 (Five years)	4/7/2024
28.	Lol between UAF-Pakistan and Ludwik Rydygier Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Torun, Poland	Prof. Dr. Amer Jamil, Biochemistry	27/4/2024 (Five years)	4/7/2024
29.	MoU between UAF-Pakistan and Nicolaus Copernicus University in Torun, Poland		28/4/2024 (Five years)	
30.	Lol between UAF-Pakistan and International Cotton Researchers Association, USA	Dr. M. Tehseen Azhar, PBG	7/5/2024 (Four years)	4/7/2024
31.	Lol between UAF-Pakistan and Northeast Forestry University, Harbin-China	Dr. Irfan Ahmad, Forestry and Range Management	23/5/2024 (Five years)	4/7/2024
32.	Lol among UAF-Pakistan and International Food Policy Research Institute (IFPRI), USA and its HarvestPlus Program and Nutrition Agri Future ((Pvt.)) Ltd., Islamabad	Prof. Dr. Imran Pasha, DG-NIFSAT	24/5/2024 (Three years)	4/7/2024
33.	Lol for Interuniversity Cooperation between University of Mostar, Mostar (Bosnia & Herzegovina) and UAF-Pakistan	Prof. Dr. Ahmad Sattar Khan, Director, IHS	10/6/2024 (Five years)	11/10/2024

SN	Title of MoUs/Lols/Agreements	Focal Person	Date of Signing	Syndicate approval date
34.	Agreement of Cooperation for CCTE Modern Sino-Pak Dual Diploma Joint Technical Education Program among Jiangxi Vocational Technical College of Industry and Trade and UAF-Pakistan and Tang Chinese Education and Technology Ltd., China	Dr. Waseem Abbas, Assistant Professor, Entomology (Focal Person)	26/6/2024 (Five years)	12/8/2024

National MoUS /Agreements with Govt. Public Institutions/Organizations

SN	Title of MoUs/Lols/Agreements	Focal Person	Date of Signing	Syndicate approval date
1.	MoU between UAF and Higher Education Commission, Islamabad for Execution of Prime Minister's National Innovation Award	Director, BIC-UAF	17/9/2023 (Six months)	16/12/2023
2.	MoU between UAF and HEC-Islamabad for Execution of Prime Minister's National Innovation Award under Prime Minister's Youth Program	Director, BIC-UAF	6/1/2024 (Six months)	4/7/2024
3.	MoU between UAF and Integrated, Reproductive, Maternal, Neonatal and Child Health & Nutrition Program, Lahore (IRMNCH&NP)	Prof. Dr. Beenish Israr, Home Sciences	8/1/2024 (Six months)	4/7/2024

MoUS with Private Institutions/Organizations

SN	Title of MoUs/Lols/Agreements	Focal Person	Date of Signing	Syndicate approval date
1.	MoU between UAF and Chenab Club, Faisalabad	Prof. Dr. Ahmad Sattar Khan, Chairman, Sports Board	4/7/2023 (Five years)	16/12/2023
2.	MoU between UAF and Meezan Bank Limited, Karachi	Dr. Sahar Munir, Asstt. Prof., IBMS	23/8/2023 (Three years)	7/9/2023
3.	MoU between UAF and Aziz Fatima Trust Hospital, Faisalabad	Rana Dawood Naseer, Lecturer, Pharmacy	6/9/2023 (Three years)	16/12/2023
4.	Document of Understanding between UAF and Lahore University of Management Sciences (LUMS), Lahore	Director, ORIC-UAF	5/1/2024 (Sixteen months)	26/1/2024
5.	MoU between UAF and Katas Hempstead AgroFarms ((Pvt.)), Ltd., Lahore-Pakistan	Dr. Saddam Hussain, Agronomy	18/1/2024 (Five years)	26/1/2024
6.	MoU between UAF and SAWIE Ecosystems (Pvt.). Ltd., Rawalpindi	Dr. Abdul Wakeel, Inst. of Soil and Environmental Sci.	28/12/2023 (Five years)	29/2/2024

SN	Title of MoUs/Lols/Agreements	Focal Person	Date of Signing	Syndicate approval date
7.	Collaboration Research Agreement between UAF and Gold Tree Millers, Pakistan	Director, ORIC	29/1/2024 (Five years)	4/7/2024
8.	MoU between UAF and HBL Zarai Services Limited, Islamabad	Dean, Faculty of Social Sciences	12/2/2024 (Three years)	16/12/2023 & 26/1/2024
9.	MoU between UAF and Weather Walay, Islamabad	Dr. Saqib Ali, CAS	28/2/2024 (Three years)	4/7/2024
10.	MoU between UAF and AKIN Foods, Rawalpindi-Pakistan	Prof. Dr. Imran Pasha, NIFSAT	24/3/2024 (Five years)	23/4/2024
11.	MoU between Forman Christian College University, Lahore and UAF and Comsats University, Islamabad	Dr. Zain ul Abidin, Entomology	2/4/2024 (Three years)	23/4/2024
12.	Lol between UAF and Raffhan Maize Products Co. Ltd., Faisalabad	Prof. Dr. M. Jafar Jaskani, ORIC	15/5/2024 (Three years)	4/7/2024
13.	MoU between UAF and STARCH-Pakistan, Khanewal	Prof. Dr. Babar Shahbaz, IAE&RD	26/4/2024 (Three years)	4/7/2024
14.	MoU between UAF and HATO Pakistan (Pvt.). Ltd., Islamabad	Dr. Fawwad Ahmad, Inst. of Animal & Dairy Sciences	30/5/2024 (Five years)	4/7/2024
15.	MoU between UAF Sub-Campus Burewala-Vehari and AGAHE Pakistan	Mr. Masood Ahmad Khan, Lecturer, UAF Sub-Campus Burewala-Vehari	20/6/2024 (Four years)	4/7/2024
16.	Extended MoU between UAF and Child Labor Eradication Program	Dean, Faculty of Veterinary Science, UAF	26/7/2024 (Five years)	12/8/2024
17.	MoU between UAF and Country Plus Foods-Y Sons, Faisalabad-Pakistan	Dr. Mian Kamran Sharif, FFNHS	13/8/2024 (Three years)	5/9/2024
18.	MoU between UAF and Wiztec, Food Solutions, Lahore, Pakistan	Dr. M. Kashif Iqbal Khan, FFNHS	26/8/2024 (Three years)	1/10/2024
19.	Agreement for Biogas Supply between UAF and Residents of Chak # 221/RB, Faisalabad	Prof. Dr. M. Anjum Zia, Director, PBI	9/5/2024 (One year)	11/10/2024

MoUs with Industry

SN	Title of MoUs/Lols/Agreements	Focal Person	Date of Signing	Syndicate approval date
1.	MoU between UAF and Punjab Seed Corporation, Lahore	Dr. Irfan Afzal, Agronomy	7/5/2024 (Five years)	12/8/2024

CONTROLLER OF EXAMINATIONS

Office of the Controller of Examinations plays a spectacular role in public image building of the University. The students demand timely declaration of result, issuance of various documents like detailed marks certificate, provisional certificate, etc. and an early evaluation of their theses. Final result notification process right from receipt of GS-10/UG-1 forms and award lists have been computerized. The process, which used to take months, now takes days and is almost error free. The documents are issued at the earliest or as and when the due process is complete. The results are received via LMS and online result submission portals. The electronically submitted results are accessed and used for compilation and notification purpose. This has saved a lot of time and labour that was otherwise laborious manual feeding of data.

Declaration of Results

Office of the Controller of Examinations issues the semester result notifications as well as final result notifications. In addition to this, Postgraduate Section of the Controller of Examinations office notifies the award of degrees to the successful candidates thrice in a month. The result notifications of PhD Scholars are issued immediately after all the requisite formalities are fulfilled. During the year under report, 139 scholars were admitted to the degree of PhD (Annexure-I).

Affiliated Institutes

The Controller of Examinations office also conducts the examinations of the students from the affiliated Institutes. There are 6 In-Service Government

Agricultural Training Institutes in different areas of the Punjab and one Extension Services Management Academy (ESMA) at Garhi Dopatta, Muzaffarabad, Azad Kashmir affiliated with the University for three years Diploma course in Agricultural Science (DAS) and two years Livestock Assistant Diploma (LAD) and Two years Poultry Assistant Diploma Course (PAD) at UAF Sub-Campus Toba Tek Singh. During the year under report 357 DAS, 271 LAD and 09 PAD students qualified the above said diplomas.

Economic Measures

As against the previous practice, the PhD thesis are now got evaluated using email in about more than 90% of cases. This has saved a lot of time, money and the number of PhDs produced has markedly increased by using I.T gadgets.

PhD Comprehensive Examination

Comprehensive examination for PhD students was held thrice. During the year 2023-24, 266 PhD students appeared in the comprehensive examination. The proceedings of the oral part of comprehensive examination are also recorded to ensure unbiased evaluation of the scholar or other possible issues (if any).

GRE (Subject) Type Test

Controller of Examinations office conducts the GRE (subject) type test for admission in PhD studies in different subjects four times in the year under consideration.

Entry Tests

Controller of Examinations office conducted two entry tests (both in the morning and evening sittings) for admission in first degree programme at UAF during the year 2023-24. The detail is as under:

Date	Entry Test	Total Candidates
09-07-2023	First Degree Program	11728
06-08-2023	First Degree Program	14698

Establishment of Electronic Script Marking Facility

In order to bring complete transparency in the marking of scripts and reducing the time for declaration of results, scripts scanning and preparation of results electronically was established. The capacity of this system was further enhanced by adding more resources and equipments.

Annexure-I

1. Student Output:

Campus wise Total Student produced (Degree Completed)

UAF Main Campus

Level of Education	Male	Female	Total
Bachelors 16 Years of Education	2919	2097	5016
MSc (Hons.)/MS/MPhil 18 Years of Education	1539	2303	3842
PhD	68	71	139
Total	4526	4471	8997

UAF- Sub Campus T. T. Singh

Level of Education	Male	Female	Total
Bachelors Years of Education	264	160	424
MSc (Hons.)/MS/MPhil 18 Years of Education	15	0	15
Total	279	160	439

UAF- Sub Campus Burewala, Vehari

Level of Education	Male	Female	Total
Bachelors 16 Years of Education	248	155	403
MSc (Hons.)/MS/MPhil 18 Years of Education	19	13	32
Total	267	168	435

UAF PARS Campus

Level of Education	Male	Female	Total
Years of Education	0	01	01
MSc (Hons.)/MS/MPhil 18 Years of Education	153	246	399
Total	153	246	399

UAF- Sub Campus Depalpur Okara

Level of Education	Male	Female	Total
Bachelors 16 Years of Education	186	29	215
MSc (Hons.)/MS/MPhil 18 Years of Education	23	63	86
Total	209	92	301

B.Ed. Pass outs 760



DIRECTORATE OF STUDENTS' AFFAIRS

Introduction

The Principal Officer (Students' Affairs) exercises all financial and administrative powers of the Principal Officer in respect of the Directorate of Students' Affairs, Foreign Students Advisor, Senior Tutor and their Sub-Ordinate Organizations/Officers. The Principal Officer also acts as Chairman, Students Affairs Committee.

The Directorate of Students' Affairs is a strategically important academic support which works to enhance the experience of students at all stages of their stay in the University through provision of a range of professional services. The office of the Students' Affairs establishes a liaison between the University administration and the students. It facilitates the students in addressing their problems pertaining to academics, co-curricular activities, sports, library, examination, transportation, health, fees, career planning and discipline. The Directorate is headed by a Director, assisted by four Associate and eleven Deputy Directors, who remain busy round the clock to provide adequate counseling and guidance to the students in their related matters.

Students' Services

The Directorate of Students' Affairs ensures peaceful co-existence among the students with their diverse ethnic, cultural and religious back grounds. Students Affairs office ensures the positive image of the University at National and International level. Different responsibilities and services of the Students Affairs office include:

NAME OF COMPONENT	SERVICES DELIVERED DURING 2023-2024
Campus Advisory Committee	Total Punished Students Male & Female: 29 Total Students counseled Male & Female: 342 Total Cases referred to Disciplinary Advisory Committee: 15
Discipline Committee	Total meetings arranged and proceeded during year 2023-2024: 09
Students Affairs Committee	Total meetings arranged and proceeded during year 2023-2024: 07
I.D. Card Unit	Total 9248 Cards were printed for Student and employees according to the different pattern.
Affairs of Shops/Canteens & Khokhas etc.	Dealt daily affairs of Shops/Canteens Khokhas etc. situated at Main Campus i.e. collection of monthly rent, withholding tax and routine food checking/ services, procedure of renewal of contract period and Annual Auction of all shops and canteens.
Study Tours	Total Study tours arranged during year 2023-2024: 291
Pick & Drop Facility	Dealt all the affairs of three (3) buses (deputed to facilitate non-boarder students to pick & drop).
Repair of Water Coolers at Main Campus.	Repaired and maintained 32 water coolers, providing cold water to students and employees at Main Campus.
Daily Routine Round of the Campus and related students matters	The Director Students Affairs' team round the Campus on daily basis to watch and observe the students' activities during their stay at the Campus.

RESEARCH & DEVELOPMENT (AN OVERVIEW)

During the reporting year, the Office of Research, Innovation and Commercialization (ORIC-UAF), demonstrated significant achievements during the year 2023-24, showcasing its commitment to research, innovation, and national development. ORIC-UAF's consistent efforts led to it securing the top position among HEC-recognized ORICs for the second consecutive time, earning an additional 15% overhead on HEC-funded projects.

Research and Development Excellence

UAF significantly increased funded research projects from national and international bodies, addressing critical global issues like climate change, healthcare and food security, as well as advancing fields such as artificial intelligence and sustainable energy. Key initiatives included:

- Partial research support for postgraduate students
- A notable increase in national and international research publications
- Successful registration of new varieties and patents
- Reimbursement of publication charges and payments for filing patents/trademarks/variety registrations
- Establishment of new faculties and institutes and the introduction of new degree programs
- Active involvement of faculty and students in the Wheat Enhancement Campaign 2023
- Introduction of various training courses, seminars, webinars and workshops to enhance the capabilities of government officers, faculty and graduate students

Fostering Innovation and Entrepreneurship

UAF has significantly boosted its support for startups and entrepreneurial ventures. Programs like NIC, BIC, and Plan-09, along with IP awareness workshops, have equipped aspiring entrepreneurs with essential tools. The collaboration with HBL to establish HBL Zari Dera exemplifies UAF's dedication to agricultural innovation.

A major milestone was the registration of Agri. Connect Innovations (Pvt.). Ltd., UAF's first official

company, designed to facilitate faculty startups and promote entrepreneurial activities. This initiative aims to translate research into commercially viable solutions, contributing to institutional self-reliance and national economic growth.

The establishment of the Technology Innovation Support Center and the First Agri. Tech. Park by the Special Technology Zone Authority (STZA), Government of Pakistan is set to revolutionize research commercialization. This park will provide institutional and legislative support, including fiscal incentives to attract foreign investors, incentivize entrepreneurs and create jobs.

Quality Assurance and International Standards

UAF maintains a rigorous monitoring mechanism for HEC scholars and PhD supervisors. Recognizing the importance of international standards for exports, the Institutional Biosafety Committee (IBC) and Institutional Bioethics Committee (IEC) organized capacity-building workshops and online safety courses leading to an increase in Biosafety/Bioethics Certificates. UAF now holds 24 NBC licenses for transgenic work, indicating a growing awareness among faculty and postgraduate students.

Global Rankings

ORIC-UAF actively provides data to various ranking agencies to ensure UAF's deserved position globally. UAF achieved the 66th position worldwide and 12th in Asia in the QS World Universities Ranking. Similarly, HEC issued an Annual ORIC Self-Assessment Evaluation Report for the Financial Year 2023-24, wherein ORIC UAF was placed in top notched "W" category. The self-assessment scorecards submitted by ORICs was reviewed by the HEC for validation purposes. Upon completion of the self-assessment and validation exercises, a report was issued by the HEC that conveys ORICs' performance ranking. The ranking determines the percentage of financial overheads an ORIC is entitled from HEC-sponsored research grants based on the certain criteria.

State of the Art Central Hi-Tech Lab

The Central Hi-Tech Lab (ISO Certified 9001; 2015) provides sophisticated sample analysis services to UAF and other organizations. The recent addition of a Zetasizer, funded by ORIC, will provide particle size measurement facilities nationwide. Currently, ten labs offer commercial analytical services, generating revenue for the university. An Instrument Repair Cell is also being established to address non-functional equipment.

National and International Collaborative Research

UAF boasts a strong history of securing research funding from various national bodies, including HEC, PSF, PARC/ALP, PAS, and provincial governments. The university consistently promotes internationalization and global connectivity, fostering collaborations with numerous renowned international institutions such as UC-Davis (USA), University of Kassel (Germany), CSIRO Australia, and the Chinese Academy of Sciences, among many others. These collaborations facilitate the exchange of expertise and collaborative research projects, including initiatives like the CPEC Collaborative Research Grant and Pak France Joint Programs.

Impact and Future Outlook

The competitive research grants secured by faculty have significantly supported postgraduate research, expanded laboratory facilities, sponsored studentships, and strengthened research communication and outreach. The indirect costs from these grants have been crucial for meeting recurring expenses, providing small grants for innovative research, offering bridge financing for projects, incentivizing patent/variety registrants, reimbursing publication charges, providing seed money for business startups, and offering contractual jobs to approximately 220 students. University-Industry linkages have been significantly enhanced through ORIC's efforts, focusing on problem-solving research and interactive sessions with organizations like the Faisalabad Chamber of Commerce & Industry (FCCI) and Engro Fertilizers. UAF is actively collaborating with numerous private sector organizations on various programs and initiatives.

In the coming years, UAF is committed to playing a pivotal role in ensuring national food self-sufficiency and contributing to the GDP by reducing the import bill.



RESEARCH PROJECTS

Funded by HEC, ALP, PARB, PSF, EFS and Industry

SN	Title	Nos.	Funding in Million PKR
1.	Completed Research Project funded by HEC	04	36.32
2.	Newly Launched Projects by HEC	23	145.62
3.	Already Ongoing Research Projects funded by HEC	12	86.48
4.	Newly Launched Projects under National Collaboration	06	29.298
5.	Already Ongoing Projects under National Collaboration	07	17.05
6.	Completed Research Projects under International Collaboration	01	1.99
7.	Newly launched Projects under International Collaboration	23	199.17
8.	Already Ongoing Research Projects under International Collaboration	23	351.54
9.	Newly Launched Projects funded by ALP	01	6.99
10.	Already Ongoing Research Project funded by ALP	06	27.27
11.	Newly Launched Project by PARB	12	170.26
12.	Already Ongoing Research Project funded by PARB	18	510.27
13.	Newly launched Projects funded by PSF	04	13.83
14.	Already Ongoing Research Project funded by PSF	10	40.49
15.	Completed Projects funded by Industry	07	14.997
16.	Newly Launched Projects funded by Industry	07	23.492
17.	Completed Research Project funded by EFS	01	0.9
18.	Newly Launched Projects by EFS	16	42.12
19.	Already Ongoing Research Project by EFS	22	69.30
	Total	203	1787.387

OTHER ACHIEVEMENTS

SN	Title	Nos.
1.	Research Collaboration through Postgraduate Students with other R&D Organizations	50
2.	No. of Faculty Members added to Contribute in other Organizations by Providing Editorial Services to their Scientific Journals/Proceedings	03
3.	No. of Faculty Members Collaborating with other Institutions under PARB Funded Projects	11
4.	No. of Students Proceed Abroad through HEC International Research Support Initiative Program (IRSIP)	12
5.	No. of UAF Faculty Members Collaborating with Industry through ORIC	164
6.	Research Funds Provided through Partial Research Grants to the Researchers/ Postgraduate Students (2.438 million PKR)	15

SN	Title	Nos.
7.	No. of Faculty Members Received Reimbursement of Publication Charges/ Remuneration	04
8.	No. of Students from other Institutions who were Entertained for their Internships at UAF	59
9.	Number of Cases Processed by Institutional Biosafety/Bioethics Committee (IBC)	137
10	Consultancy Projects /Agreements/Academia Industry Linkages Developed	13
11.	Projects under Industry Linkages	07
12.	No. of Students/Project/Private Organizations Entertained by Central Hi-Tech Laboratory for Lab Anslsysis of their Samples	236

Higher Education Commission (HEC) (Completed)

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1.	Development of Functional Feed for Labeo Rohita and Oreochromis Niloticus	Dr. Abdul Mateen	Zoology, Wildlife and Fisheries	3.79
2.	Treatment of Poultry Diarrhea with Environment-Friendly Natural Substances: An Innovative and Cost-Effective Solution for Gizzard Ulceration Induced by Mycotoxins and Bacillus Cereus in Pakistan	Prof. Dr. Muhammad Kashif Saleemi	Pathology	6.53
3.	Ecological Adaptation of Salt Tolerant Crop Species to Utilize Saline Water to Sustain Crop Production in Salt Affected Soils	Porf. Dr. Muhammad Anwar-ul-Haq	Soil & Environmental Sciences	17.12
4.	Analysis of the Role of Acid Invertase in Grain Yield of Maize under High Temperature and Water Stress	Prof. Dr. Muhammad Saqib	Soil & Environmental Sciences	8.88

Newly launched projects Funded by HEC

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1.	Low-cost Domestic Production of Taq Polymerase Enzyme for Research and Diagnostic	Prof. Dr. Sultan Habibullah Khan	Center of Advanced Studies, (CAS)	6.45
2.	Seed Pelleting Technology for Enhancing the Performance of Tomato and High Value Vegetable Crops	Dr. Irfan Afzal	Agronomy	9.12
3.	Ramie (Boehmeria nivea L.) -- A potential sustainable Natural Fiber Crop: Agronomic Evaluation of Exotic Germplasm and Fiber Processing Techniques for its Large-Scale Cottonization in Pakistan	Dr. Saddam Hussain	Agronomy	6.16

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
4.	Development of Novel Seed Coating Techniques to Improve Anaerobic Germination Tolerance and Early Stand Establishment in Dry Direct Seeded Rice	Dr. Hafeez ur Rehman	Agronomy	4.45
5.	Wgs-Sniper: Whole Genome Sequencing Analysis For Potential Drug Targets of Cancer Associated Non-Canonical Secondary Structure Mutations in Pakistan	Dr. Amen Shamim	Computer Science	4.13
6.	AgroChain- A Wheat and Sugar Traceability Solution using IoT and Blockchain	Dr. Saqib Ali	Computer Science	7.12
7.	A Strategy for Energy Efficient Control of Temperature and Humidity for Greenhouse Farming Using Solar/Heat Energy	Dr. Muhammad Usman Khan	Energy System Engineering	8.39
8.	Ecological Adaptability of Zygotogramma and its Mass Releases for Managing Parthenium	Dr. Tariq Mustafa	Entomology	3.48
9.	Study of Genetic Variation, Resistance Gene Expression and Virus Based Control of Fall Armyworm, Spodoptera Frugiperda in Pakistan	Dr. Jam Nazeer Ahmad	Entomology	5.89
10.	Molecular Screening of Indigenous Fauna of Parasitic Hymenoptera of Punjab for the Selection of Bioactive Genes/Peptides with Potential Insecticidal Bioactivity for Sustainable Control of Insect Pests Threatening Food Security	Dr. Zain- ul-Abdin	Entomology	5.87
11.	Assessment of Freshness Quality and Safety of Fruits and Vegetables Using Computer Vision Techniques	Dr. Yaqoob Majeed	Food Engineering	11.68
12.	Development of Sheep and Goat Milk Cheese and Evaluating its Osteoprotective and Immune Boosting Potential in Undernourished Mothers and Children	Dr. Amna Sahar	Food Engineering	13.63
13.	Development of Model for improving Textile Supply Chain Sustainability in the Context of COVID-19 in Pakistan: A Strategic Guidelines	Dr. Muhammad Nazam	Business Management Sciences	1.77
14.	Enhancing Indigenous Flower Seed Production through Optimizing Production and Handling Protocols and Human Research Development	Dr. Iftikhar Ahmad	Horticultural Sciences	6.88
15.	Exploitation, Production Potential and Value Addition of Aromatic Floricultural Crops to Uplift Poverty Elevation of Farmers	Dr. Ahsan Akram	Horticultural Sciences	4.06
16.	Introduction of Nutrient Efficient Approach in Tunnel Farming System Equipped with Solar Powered Drip Fertigation	Dr. Shoaib ur Rehman	Horticultural Sciences	6.31

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
17.	Temporal and Spatial Assessment of Transmittance of Potentially Toxic Metals in Sol-Plant-Human Continuum and Quantification of Human Health Risk and Soil Quality Indices in Sewage Irrigated Areas	Dr. Muhammad Sabir	Soil & Environmental Sciences	5.02
18.	Developing Nano-Mineral Based Materials for Filtration of the Priority Anionic Contaminants (PACs) from Water	Dr. Irshad Bibi	Soil & Environmental Sciences	3.51
19.	Evaluation of the Comparative Effectiveness of Crop Residues, Dairy Manures, Nano-Fertilizers, Change in Cropping Patterns and Water Conservation Strategies on Crops Production, Soil Quality Indicators, Soil Health and Sustainability Under Changing Climatic and Environmental Conditions	Dr. Muhammad Iqbal	Soil & Environmental Sciences	5.70
20.	Development of Enhanced Efficiency Di-Ammonium Phosphate through Bio-Activation, Boron and L-Tryptohan Enrichment for Improving Yield and Oil Content of Canola	Dr. Tayyaba Samreen	Soil & Environmental Sciences	9.25
21.	Tackling Protein Energy Malnutrition and Micronutrients Deficiency in Vulnerable Population by Transforming Food System	Dr. Muhammad Issa Khan	NIFSAT	5.71
22.	Hemp Bioactives for Food and Herbal Applications: Tapping the Opportunity through Green Extraction Technologies	Dr. Allah Rakha	NIFSAT	7.66
23.	Anaerobic Digestion of Various Crop Residues and Poultry Manure for Biogas and Bio-Fertilizer Production	Dr. Athar Mahmood	UAF Community College	3.38

Ongoing Research Projects (HEC)

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1.	Developing Heat-Tolerant, Borer-Resistant and Pro-Vitamin a Rich Maize Hybrids Using Interdisciplinary Approaches	Prof. Dr. Muhammad Sarwar	CABB	3.31
2.	Improving Groundwater Aquifer by Spatio-Temporal Assessment of Groundwater Recharge Potential in Water Scare Areas of Rechna Doab	Dr. Ahmad Waqas	Irrigation & Drainage	36.00
3.	Improvement of Fruit Quality and Postharvest Performance of Papaya Fruits by Using Ecofriendly Chemicals	Dr. Muhammad Azam	Horticultural Sciences	6.86
4.	Enhancement of Radiation Resistant Properties of n ⁺ -p-p ⁺ Silicon Solar Cells	Dr. Khurram Ali	Physics	3.60

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
5.	Development of Simple and Novel Inorganic Hole Transport Materials for Perovskite Solar Cells	Dr. Hafeez Anwar	Physics	2.72
6.	Graphene Encapsulated Nano-Materials for Cancer Detection and Treatment by Electromagnetics	Dr. Abdul Ghaffar	Physics	3.13
7.	Relationship Between Fungus and Nematodes Associated with Cotton in Punjab and its Management	Dr. Sajid Aleem Khan	Plant Pathology	2.58
8.	Biochar Application to Combat Root-Knot Nematodes in Tomato with Emphasis on Activation of Defense Related Genes	Dr. Muhammad Amjad Ali	Plant Pathology	3.00
9.	Management of Fusarium Wilt of Chilli through Phenolic Antioxidants and Soil Minerals	Dr. Muhammad Atiq	Plant Pathology	4.85
10.	Exploitation of Fungal Pathogens as Bio-Control Agents for the Management of Weeds in Wheat Crop	Dr. Abdul Rehman	Plant Pathology	2.93
11.	Analysis of Livestock Services in the Punjab: Formulation of Research Based Policy Guidelines for Effective Extension Work	Dr. Shoukat Ali	Agri. Ext. and Rural Development	4.49
12.	Evaluation of Standard and Enhanced Efficiency Nitrogen Fertilizers for NH ₃ and N ₂ O Emissions in a Rice-Wheat Cropping System on Normal and Marginal Salt-Affected Soils	Prof. Dr. Ghulam Murtaza	Soil & Environmental Sciences	13.01

Newly Launched Projects Funded by National Collaboration

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1.	Developing an Integrated Tool to Assess Soil Health in Different Agroecological Landscape of Punjab	Prof. Emeritus Dr. Riaz Hussain Qureshi	Soil & Environmental Sciences	3.00
2.	Socio-Spatial Analysis of Land use Dynamics in Peri-Urban Areas of Faisalabad	Prof. Dr. Iqar Ahmad Khan	Horticultural Sciences	1.428
3.	Two Key Areas: Pesticide Risk and Safe Food and Gender Focused Rural Advisory Service	Dr. Muhammad Iftikhar	Agri. Ext., Edu. and Rural Dev.	2.00
4.	Management of Red Rot Disease of Sugarcane through Plant Defense Activators, Nano-Particles and Soil Amendments	Dr. Muhammad Atiq	Plant Pathology	10.36
5.	Prevalence and Integrated Management Strategies for Whip Smut of Sugarcane Caused by Sporisorium Scitamineum	Dr. Nasir Ahmed	Plant Pathology	10.51
6.	A Study on Implications of Gender Gap in Digital Financial Literacy and Financial Inclusion of Women Entrepreneurs in Punjab, Pakistan	Dr. Tahira Sadaf	Agricultural and Resource Economics	2.00

Ongoing Research Projects (National Collaboration)

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1.	Synthesis of Azolium Salts, their Acetate-Ag-NHC complexes, Biological Potential and DFT Studies	Prof. Dr. Haq Nawaz Bhatti	Chemistry	3.44
2.	Development of Environment Friendly Mini Electric Vehicle (EV) for Farm Transportation	Dr. Muhammad Usman Farid	Structures & Environmental Engineering	0.17
3.	Development of an Indigenous Automatic Air Gases Monitoring System to Control Unwanted Accidents	Engr. Shahbaz Nasir Khan	Structures & Environmental Engineering	0.10
4.	Food Safety Knowledge, Attitudes and Practices of Rural and Urban Consumers in Pakistan	Prof. Dr. Asif Kamran	Agricultural and Resource Economics	6.00
5.	Genomic Epidemiology of Environmental Niches In Persistence of Salmonella Typhi and Mapping Community Immune Patterns of Typhoid Vaccination	Dr. Muhammad Imran Arshad	Microbiology	3.0
6.	Monolaurin Additive with Short Chain Fatty Acid: A Novel Preventive and Therapeutic Approach Against Colibacillosis and Salmonellosis in Commercial Broiler	Dr. Muhammad Naeem Faisal	Physiology and Pharmacology	1.51
7.	Geospatial Distribution of Arthropods and Arthropod-Borne Diseases of One Health Significance: Participatory Risk Assessment and Mitigation Strategies in Punjab, Pakistan	Dr. Muhammad Sohail Sajid	Parasitology	2.83

Newly Launched Projects Funded by International Collaboration

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1.	Adapting to Climate Change through Climate Smart Agricultural Practices in Water Limited Landscapes in South Asia	Prof. Dr. Muhammad Saqib	Soil & Environmental Sciences	24.14
2.	Biotechnology and Data Science for Crop Health, A Step Forward for National Plant Diagnostic and Disease Surveillance Network	Dr. Zunaira Afzal	Plant Breeding & Genetics	2.88
3.	Building the Foundation for a National Plant Diagnostic Network (NPDN) in Pakistan	Dr. Zunaira Afzal	Plant Breeding & Genetics	9.17
4.	Introduction of Climate Resilient Citrus Germplasm and Establishment of Hi-Tech Citrus Orchard	Prof. Dr. Muhammad Jafar Jaskani	Horticultural Sciences	21.95
5.	Development Educational Material and Lab Equipment to Promote Entomology Outreach	Dr. Bilal Saeed Khan	Entomology	0.17

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
6.	Enhancing Learner-Centered Pedagogical Skills of the Faculty of University of Agriculture, Faisalabad, Pakistan Service Provided by Academics without Borders (AWB) Canada	Prof. Dr. Babar Shahbaz	Agri. Ext., Edu. and Rural Development	No funding
7.	Enhancing Zinc and Iron Bioavailability in Wheat for Improved Public Health and Nutritional Security in Pakistan	Dr. Raheela Rehman	Plant Breeding & Genetics	5.99
8.	Fertilizer Right Pakistan	Dr. M Aamer Maqsood	Inst. of Soil & Env. Sciences	16.19
9.	Genetic Resources to Improve NUE in Pakistan under Main Project Project South Asian Nitrogen Hub (SANH)	Dr. M Aamer Maqsood	Inst. of Soil & Env. Sciences	8.86
10.	Desalination of Brackish Water by Capacitive Deionization	Dr. Kashif Kamran	Physics	1.65
11.	High Throughput Crop Monitoring Using Computer Vision for Climate Smart Agriculture	Prof. Dr. Sultan Habib Ullah Khan	CABB	28.53
12.	Investigating of Risk Factors of Subclinical Mastitis in Lactating Women: A Study on Dietary Practices, Breastfeeding Behavior and its Impact on Human Milk Quality	Prof. Dr. Beenish Israr	Home Sciences	8.35
13.	Local Nutrition Specialist Training	Dr. Allah Rakha	NIFSAT	28.53
14.	National Foreign Experts Program Cooperative Development for the Overseas Application of Intelligent Crop Monitoring with Remote Sensing (NFE-ICM)	Dr. Iftikhar Ali	Agronomy	10.00
15.	Nutritional Profiling of Milk from Different Mammalian Species of Pakistan with Reference to Proteomics and Genomic Studies	Prof. Dr. Imran Pasha	NIFSAT	8.37
16.	Nutritional Status, Dietary Modification and Promotion of Healthy Eating Habits to Cope with Micronutrient Deficiencies Among University Going Young Girls of District Vehari, South Punjab Region	Dr. Sadaf Shakoor	UAF Constituent College Burewala-Vehari	1.57
17.	Prevention and Control of COVID-19 in Kazakhstan and Pakistan	Dr. M. Saqib	CMS	2.98
18.	Quantifying the Transmission Routes of Gastroenteritis in Pakistan and Developing Targets Interventions (Sub-Award Of Already Ongoing Project Being Executed by Dr. Fahd Rasul)	Dr. Ghulam Mustafa	CABB	9.64
19.	Research and Analysis of Existing Local Groundwater and Salinity Management Practices In Khanewal, DG Khan, Sanghar and Umarmkot District	Prof. Dr. Asif Kamran	Agri. Policy, Law and Governance (APLG) Centre	4.20

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
20.	Socio-Economic and Cultural Drivers of Dietary Diversification Among Mother and Child in Urban, Peri-Urban and Rural Households	Prof. Dr. Asif Kamran	Agri. Policy, Law and Governance (APLG) Centre	1.90
21.	Specific Nutrient Enforced Recipe Development by Using Locally Available Ingredients: a Way to Improve Child and Community Nutrition	Dr. Mian Kamran Sharif	NIFSAT	0.50
22.	Strengthening Food Safety and Hygienic Practices to Avoid COVID-19 Related Pandemics	Dr. Rizwan Shaukat	NIFSAT	2.00
23.	The Experimental and Computational Study of Optical and Nonlinear Optical Materials Using State-of-the-Art Chemical Methods	Dr. Shamsa Bibi	Chemistry	1.60

Ongoing Research Projects (International Collaboration)

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1.	Inhibition of Enhanced Eryptosis in Diabetes Mellitus and Chronic Kidney Disease Patients by Plant Based Novel Compounds	Dr. Kashif Jilani	Biochemistry	1.51
2.	Research on Applications of Blockchain Technology in Green Supply Chain Management	Dr. Muhammad Hafeez	IBMS	4.25
3.	Dengue Virus Transmission Cycle in Adult Mosquitoes and Impact of Control Strategies in High Risk Disease Areas (Phase-Iv)	Prof. Dr. Waseem Akram	Entomology	6.93
4.	Hybrid Seed Production of Tomato and its Genetic Purity Analysis	Dr. Khurram Ziaf	Horticultural Sciences	1.35
5.	Transmission Dynamics of Antimicrobial Resistance in Broiler Production Pyramid: A Farm to Fork Study	Dr. Mashkoor M. Gilani	Microbiology	2.75
6.	Tools for the Epidemiology of Amr Plasmids, One Health Transmission and Surveillance	Dr. Mashkoor M. Gilani	Microbiology	12.10
7.	Development of New Soybean Varieties to be Cultivated in Pakistan to Promote Sustainable Agriculture	Dr. Zulfiqar Ali	Plant Breeding & Genetics	10.00
8.	Reduction in Highly Hazardous Pesticides Use in Cotton Crop and Enhancing Soil Health Under the Main Project Better Cotton Project, Punjab	Dr. M. Rizwan Ashraf	Constituent College Burewala-Vehari	6.00
9.	Global Joint Research for the Genomic Surveillance of Novel Viral Variants in Birds	Dr. Salman Latif Butt	Constituent College TT Singh	4.28

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
10.	Quantifying the transmission Routes of Gastroenteritis in Pakistan and Developing Targets Interventions	Dr. Fahd Rasul	Agronomy	83
11.	Comparative agronomic Appraisal of Exotic Chinese and Local Hemp (<i>Cannabis sativa</i> L.) for Better Fiber Quality Traits and Large-Scale Commercialization in Pakistan	Dr. Saddam Hussain	Agronomy	9.68
12.	Screening the Physiological Response of Lichens Species to Nitrogen Pollution at Three Different Sites of Himalaya N Pakistan	Dr. Aysha Kiran	Botany	7.15
13.	Developing Competitive and Inclusive Value Chains of Pulses in Pakistan	Dr. Burhan Ahmad	IBMS	28.11
14.	Strengthening Vegetable Value Chains in Pakistan for Greater Community Livelihood Benefits	Dr. Hammad Badar	IBMS	10.62
15.	In Vivo and Vitro Trails of Selected Formulations of Bti Against Immature Stages of Mosquitoes	Prof. Dr. Waseem Akram	Entomology	0.15
16.	Strengthening Vegetable Value Chains in Pakistan for Greater Community Livelihood Benefits	Dr. Raheel Anwar	Horticultural Sciences	27.84
17.	China-Pakistan Economic Palm Production Technology Integrated Demonstration Base at UAF	Dr. Rashad Waseem Khan Qadri	Horticultural Sciences	7.30
18.	Improving Small Holder Well-Being Through Participation in Modern Value Chains: Sustaining Future Growth in the Pakistan Citrus Industry (Relating to ACIAR Project No. HORT/2020/129)	Prof. Dr. Ahmad Sattar Khan	Horticultural Sciences	36.57
19.	Global Surveillance of Infectious Diseases and Antimicrobial Resistance from Sewage	Dr. Mashkooor M. Gilani	Microbiology	1.00
20.	Monitoring Antimicrobial Use and Antimicrobial Resistance in Commercial Poultry Farming in Pakistan	Dr. Mashkooor M. Gilani	Microbiology	12.54
21.	Design Bio-based and Biodegradable Packaging through Agriculture Waste Valorization (BIO-PAWWAL)	Dr. Rana Muhammad Aadil	NIFSAT	0.90
22.	Site-Specific Agricultural Waste Management Strategies to Improve Soil Fertility and to Mitigate Climate Change	Dr. Muhammad Sana Ullah	Ins.t of Soil & Env. Sciences	0.34

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
23.	GCRF South Asian Nitrogen Hub	Dr. Tariq Aziz	Constituent College Depalpur	77.17

Newly Launched Projects Funded by EFS

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1	Marker Assisted Selection for Low Erucic Acid and High Oil Content in Progeny Derived from Indigenous Oilseed Brassica Germplasm Assessed under Rain Feed Conditions	Dr. Sidra Iqbal	UAF Constituent College, Depalpur	3.15
2	Demonstration of Soybean Genotypes and Cropping Pattern Specific Production Technology at Farmer Field	Dr. Safdar Ali	Agronomy	3.85
3	Enhancement of Germplasm Diversity through Wide Cross Hybridization for Cotton Improvement and Sustainability	Dr. Jamshaid Ali Junaid	Plant Breeding & Genetics	3.10
4	Enhancing Yield and Profitability of Okra through Technology Transfer and Farmer Training	Dr. Amir Shakeel	PBG	3.21
5	Development of Cost Effective Wheat Rust Surveillance System	Dr. Zunaira Afzal	PBG	1.94
6	Field Testing, Evaluation and Demonstration of Climate Resilient Wheat Lines on Different Locations of Pakistan	Dr. Rizwana Maqbool	Plant Breeding & Genetics	0.09
7	Promoting the Use of Nutricious Grain Flour as a Strategy to Combat Malnutrition and Alleviate Pressure on Wheat Production in Pakistan	Dr. Muhammad Azhar Ali	Food Engineering	2.81
8	So Sweet: Stevia Promotion and Cultivation in Punjab	Dr. M. Anjum Zia	Biochemistry	3.19
9	Development of Intelligent Drone Sprayer Formulation Mobile App	Dr. Saqib Ali	Computer Science	2.39
10	Development of a Decentralized Crop Insurance System Using AI and Blockchain	Dr. Syed Mushhad Mustuzhar	Computer Science	1.55
11	3-Hydroxyflavone: A Multi-Targeted Approach to Combat Diabetes Induced Damages in Vital Organs	Dr. Muhammad Umar Ijaz	Zoology, Wildlife and Fisheries	1.83
12	Technology Transfer of a Prototype Field Screening Test for Equine Glanders (LAT-glanders) for Prospective Commercialization	Dr. Muhammad Saqib	Clinical Medicine & Surgery	2.60

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
13	Application of a Non-Antibiotic Oral Formulation for the Treatment of Mastitis in Dairy Animals in District Faisalabad	Dr. Asad Manzoor	Clinical Medicine & Surgery	2.23
14	Standardization and Development of Ready to Use Kit for Detection of Vancomycin Resistant Staphylococcus Aureus	Dr. Nayyab Batool	Microbiology	1.50
15	Acidulated Value-Added Product for Bioactivation of Micronutrients to Improve Yield and Quality of Wheat and Maize	Dr. Muhammad Naveed	Soil & Environmental Sciences	4.72
16	Establishment of Laboratory Facility for the Detection of Organophosphate Residues by Developing Colorimetric Biosensor	Ms. Sidra Altaf	Pharmacy, Physiology and Pharmacology	3.96

Already Ongoing Projects Funded by EFS

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1	Tunnel Grower's Training of Integrated Disease Management: An Eco-Friendly Approach	Dr. Osama Bin Abdul Hafeez	Constituent College Burewala	2.02
2	Institutional Dynamism and Performance of Irrigation Systems Amid Climate, Demographic and Market Changes: Cases from Pakistan	Prof. Dr. Asif Kamran	Agri. Policy, Law and Governance (APLG) Centre	7.77
3	Field Evaluation for Commercialization of Herbicide-Tolerant (CABB-HTS) and Insect-Resistant and Insect-Resistant (CABB-IRS) Transgenic Sugarcane	Prof. Dr. Muhammad Sarwar	CABB	6.56
4	Establishment of Low Fruit Fly Prevalence Zone (LFFPZ) at UAF-Main Campus	Dr. Muhammad Dildar Gogi	Entomology	3.84
5	Popularization of Home Gardening in Urban and Peri Urban Areas of Punjab	Prof. Dr. Muhammad Jalal Arif	Entomology	8.03
6	Demonstration of Best Production Management Practices for Chickpea Production in Irrigated Areas	Dr. Rana Muhammad Atif	Plant Breeding & Genetics	2.96
7	Development of A Biopesticide for the Management of Blackleg of Potato in Pakistan	Dr. Khalid Naveed	Plant Pathology	1.37
8	Development of An Artificial Intelligence (AI)-Based Small-Scale Automated Citrus Grading Platform for Small Farmers	Dr. Muhammad Yamin	Farm Machinery & Power	1.66
9	Developing Prototype of Real-Time Water Monitoring and Transmission System for Irregular Cross-Sections	Dr. Muhammad Uzair Qamar	Irrigation & Drainage	0.90

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
10	Tandem Structured Carbon Quantum Dots and Florescent Dyes for Efficient Semi-Transparent Agri-Photovoltaics	Dr. Muhammad Zahid	Chemistry	4.10
11	MD-TSPM: Thermal Stability Prediction Method for Cancer Associated I-motifs	Dr. Amen Shamim	Computer Science	1.88
12	Evaluation of Iodized Oil Injection in the Treatment of Udder Fibrosis and Summer Hyperthermia in Dairy Animals	Dr. Muhammad Saqib	Clinical Medicine & Surgery	1.88
13	Surveillance of Arthropods and Arthropod-Borne Diseases of One Health Significance at Host-Vector-Environment Interface at Various Agro-Geo Climatic Zones of Punjab Pakistan	Dr. Muhammad Sohail Sajid	Parasitology	3.86
14	Development and Evaluation of Chitosan Based Nanocomposites for the Control of Aflatoxicosis in Poultry	Ms. Aisha Khatoon	Pathology	2.86
15	Capacity Building of Small-Scale Farmers to Enhance Productivity and Improve Socioeconomic Status through Institutional Outreach Program	Dr. Qamar Bilal	Animal and Dairy Sciences	5.13
16	Establishment of Grapes Germplasm Unit (GPU) for Tecnology Transfer	Prof. Dr. Jafar Jaskani	Horticultural Sciences	4.70
17	Hybrid Tomato Seed Production Protocol Development	Dr. Khurram Ziaf	Horticultural Sciences	0.30
18	Production of Mass Scale Lumpy Skin Disease Vaccine and Hyperimmune Serum	Dr. M. Shahid Mahmood	Microbiology	5.80
19	Impact Assessment of Increased Wheat Support Price: a Farmer and Consumer Perspective	Dr. Khalid Mushtaq	Agricultural and Resource Economics	0.50
20	Profitability Analysis of Oilseed Production and Competing Crop in Punjab, Pakistan	Dr. Asghar Ali	Agricultural and Resource Economics	0.27
21	Appraisal of Hispidulin in Downregulation of Hyperglycemia; a Novel Therapeutic Approach	Dr. Wafa Majeed	Pharmacy, Physiology and Pharmacology	2.56
22	Development of Prototype Kit for the Detection of Adulterants in Milk	Dr. Sibtain Ahmad	Constituent College, Toba Tek Singh	0.35

Newly Launched Projects Funded by ALP

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1.	Combined Application of Microbial Antagonists and Chemicals to Avoid Logging of Emitters in Drip Irrigation System	Dr. Imran-ul-Haq	Plant Pathology	6.99

Already Ongoing Projects Funded by ALP

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1	DNA Barcoding of Quinoa (Chenopodium Quinoa) Germplasm and its Associated Pathogens for Taxonomic Identification to Improve Crop Diversification	Dr. Siddra Ijaz	CABB	3.5
2	Integrating Climate Change Adaptation and Mitigation in Agriculture System through Agroforestry for Ecosystem Conservation	Dr. Fahad Rasheed	Forestry and Range Management	6.99
3	Prospects of Biofloc Technology for Tilapia Culture in Pakistan	Dr. Abdul Mateen	Zoology, Wildlife and Fisheries	5.52
4	Preliminary Therapeutic, Etiological and Preventive Investigations on Parturient Hemoglobinuria in Buffaloes and Cows in Faisalabad and Jhang Districts	Dr. Muhammad Saqib	Clinical Medicine & Surgery	1.92
5	Pathobiology and Molecular Epidemiology of Chicken Infectious Anemia & Infectious Bronchitis (IB) in Commercial Poultry and Immunopathogenesis of IB Variants.	Dr. Muhammad Kashif Saleemi	Pathology	4.91
6	Supply Chain Management of Cut Flowers through Optimizing Postharvest Handling Protocols	Dr. Iftikhar Ahmad	Horticultural Sciences	4.43

Newly Launched Projects Funded by PARB

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1	Dna Fingerprinting of Tomato Germplasm and Molecular Identification of Tomato Hybrids	Dr. Faisal Saeed Awan	CABB	8.04
2	Development of Climate Resilient, High Yielding and Low Prussic Acid Sorghum Variety under Various Agro-Ecosystems of Punjab, Pakistan	Dr. Khalid Hussain	Agronomy	26.79
3	Development of Shattering Tolerant Brassica Napus Strains under the Scenario of Climate Change	Ms. Humera Razzaq	Plant Breeding & Genetics	12.56

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
4	Screening of Developed Hybrid Against Virus in Late Summer	Dr. Luqman Amrao	Plant Pathology	2.19
5	Development of Tractor Mounted Vegetable Nursery Transplanter	Dr. Muhammad Zaman	Irrigation & Drainage	19.43
6	Development of Sustainable Value Chain for Fibres Extractive from the Cornhusk Agro-Waste	Dr. Fiaz Hussain	Fiber and Textile Technology	13.47
7	Cabbage and Cauliflower Seed Production in Punjab-A Step Towards Self Sufficiency in Breeding and Seed Production	Dr. Khurram Ziaf	Horticultural Sciences	36.93
8	Development and Commercialization of Tomato Developed by Inter-and Intraspecific Hybridization for Tolerant to Virus, Heat, Frost and Improvement in Shelf Life in Punjab	Dr. Muhammad Awais Ghani	Horticultural Sciences	21.48
9	Extent And Drivers of Crop Diversification in Punjab Pakistan: A Comparative Analysis of Diversified and Non-Diversified Farming for Sustainable Farm Income	Dr. Asghar Ali	Agricultural and Resource Economics	1.49
10	Linking Academia and Industry with Farmers for Effective Adaptation to Climate Change: Exploring Issues and Benchmarking Viable Framework(S) for Effective Linkages to Build Farmers and Community Resilience	Dr. Azhar Abbas	Agricultural and Resource Economics	2.94
11	Rice Straw Management by Substrate Stimulated Microbial Consortium to Improve Soil and Environmental Health	Dr. Hafiz Naeem Asgher Ch.	Soil & Environmental Sciences	14.98
12	Breeding Plans for Different Varieties of Turkey Bird to Overcome Animal Protein Deficiency in Pakistan	Dr. Zia-ur-Rehman	UAF Constituent College, Toba Tek Singh	9.96

Already Ongoing Projects Funded by PARB

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1	Developing Agricultural Waste Management System to Produce Different Kinds of Organic Fertilizers for Sustainable Agriculture	Dr. Zubair Aslam	Agronomy	42.36
2	Use of Biodegradable Super-Absorbent Polymers in Rain Fed Agriculture for Enhancing Farm-Scale Profitability and Crop Water use Efficiency	Dr. Saddam Hussain	Agronomy	28.85
3	Modern Seed Priming and Coating Technology to Enhance Seed and Crop Performance of Carrot, Radish and Fenugreek	Dr. Irfan Afzal	Agronomy	21.27

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
4	Integrated Pest Management Approach to Mitigate the Fruit Flies Issues in Vegetables through Biocontrol Agents	Dr. Shahid Majeed	Entomology	32.36
5	Population Dynamics Studies and Management of Fall Army Worm on Maize Crop	Dr. Muhammad Arshad	Entomology	14.48
6	Improving Yield, Drought and Salinity Tolerance in Wheat Through GA-Sensitive Dwarfing Gene System	Dr. Rizwana Maqbool	Plant Breeding & Genetics	47.19
7	Development of Soybean in Pakistan to Reduce the Import Bills	Dr. Zaheer Ahmad	PBG	99.77
8	Integrated Pest Management Approach to Mitigate the Fruit Flies Issues in Vegetables through Biocontrol Agents (Component I)	Dr. Imran-ul-Haq	Plant Pathology	12.64
9	Population Dynamics Studies and Management of Fall Army Worm on Maize Crop	Dr. Imran-ul-Haq	Plant Pathology	14.81
10	Extraction, Characterization and Authenticity of Gelatin Various Local Sources	Dr. Amna Sahar	Food Engineering	22.22
11	Preparation and Commercialization of Coated Micronutrients and Control Release Fertilizers for Improving Yield and Quality of Crop	Dr. Saba Jamil	Chemistry	10.03
12	Development of Ecofriendly Plant Based Acaricides for the Effective Control of Cattle Ticks	Dr. Rao Zahid Abbas	Parasitology	16.67
13	Exploration of Nutritional Profile with Shelflife Extension and Value-Added Products of Jamun (<i>Syzygium cumini</i> L.) Fruit	Dr. Moazzam Rafiq Khan	NIFSAT	16.04
14	Development of Soybean In Pakistan to Reduce the Import Bills (Component-I)	Dr. Ahmad Din	NIFSAT	12.17
15	Extraction, Characterization and Authenticity of Gelatin Various Local Sources	Dr. Muhammad Issa Khan	NIFSAT	12.01
16	Promotion of Floriculture Industry Through Diversification, Value Addition and Supply Chain Management	Dr. Iftikhar Ahmad	Horticultural Sciences	11.93
17	Import of High Value Germplasm and Technologies of Elite Exotic Fruits, Vegetables and Medicinal Crops for Diversification and Sustainable Production in Punjab	Dr. Muhammad Usman	Horticultural Sciences	83.21
18	Development Of New Mango Varieties With Superior Traits And Management Strategies Against Vivipary And Under-Skin Browning In Mango Cv. Sufaid Chaunsa	Dr. Raheel Anwar	Horticultural Sciences	12.26

Newly Launched Projects Funded by PSF

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1	Establishment of Certified Huanglongbin (HLB) Free Citrus Nurseries Through Advance Metabolomics Technologies	Dr. Fozia Saleem	CABB	3.43
2	Development of Silver(I)-N-Heterocyclic Carbene Based Cubosome Hydrogels for Topical Treatment of Burns	Dr. Muhammad Adnan Iqbal	Chemistry	2.94
3	Design, Development and Commercialization of Metal Organic Framework (MOF) based Efficient Perovskite Solar Cells	Dr. Hafiz Muhammad Asif Javed	Physics	4.04
4	Adaptation Mechanism of Water, Food and Ecosystem Security in Cpec Under Climate Change	Dr. Muhammad Khalid Bashir	Agricultural and Resource Economics	3.42

Already Ongoing Projects Funded by PSF

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1	Determination of Weed Crop Competition Time and Economic Threshold of Weeds in Major Crops	Dr. Rizwan Maqbool	Agronomy	1.35
2	Development and Characterization of Biodegradable Food Packaging Films from Indigenous Agricultural Residues	Dr. Abid Aslam Maan	Food Engineering	3.62
3	Study on the Formation and Conversion Processes of Water Resources and Sustainable Use in the Indus Basin	Dr. Muhammad Zaman	Irrigation & Drainage	5.99
4	CRISPRi Mediated Tissue Specific Reduction of Gossypol Contents in Cottonseeds	Dr. Aftab Ahmad	Biochemistry	6.25
5	Development of Low Phytate Maize Through CRISPR/Cas Genome Editing	Dr. Aftab Ahmad	Biochemistry	2.90
6	Treatment of Mastitis by Nanoparticles and Egg Yolk Antibodies	Dr. Misbah Ijaz	Clinical Medicine & Surgery	3.20
7	Screening and Validation of Natural Herbal Dewormer for Livestock	Dr. Rao Zahid Abbas	Parasitology	3.28
8	Treatment of Acute Mycotoxicosis in Poultry and Animals Through Development of Indigenous Mycotoxins Inactivating Liquid Product	Dr. Muhammad Kashif Saleemi	Pathology	5.29

9	Establishing Phenological and Genetic Responses to Seasonal Shifts in Guava (<i>Psidium guajava</i> L.) Germplasm	Dr. Muhammad Usman	Horticultural Sciences	5.29
10	Economic Utilization of Salt Affected Soil with the Integration of Chemical and Biological Approaches to Live Within Salinity for Sustainable Agro-Ecosystem	Dr. Muhammad Anwar-ul-Haq	Soil & Environmental Sciences	3.32

Newly Launched Projects Funded by Industry

SN	Title of the Project	Name of PI	Dept./Inst.	Amount Rs. (M)
1.	Creating Value from Waste: Vermicompost Enrichment with Rock Phosphate for Sustainable Intensification of Cropping System	Dr. Masood Iqbal Awan	Constituent College, Depalpur	3.00
2.	Production of Healthy Wheat and Cotton Seed for the Farmers Community	Dr. Safdar Ali	Plant Pathology	1.99
3.	Production of Medium to Short Staple Length Cotton with High Yielding Potential for Denim Garments	Dr. Assad Farooq	Fibre and Textile Technology	1.51
4.	Effect of Nano Fertilizers on the Fruit Quality and Production in Kinnow	Dr. Ateeq-ur-Rehman	Physics	3.142
5.	Epidemiological Surveillance of Avian Influenzas (H9) Infectious, Bronchitis (IB) and Fowl Adenovirus (FADV) Viruses for Selection of Suitable Vaccine Strains from Pakistan	Dr. Muhammad Kashif Saleemi	Pathology	10.15
6.	Growth Performance, Nutrient Digestibility, and Economics of Production in Broiler Chicken Fed Cocktail Enzymes	Dr. Muhammad Sharif	Animal and Dairy Sciences	2.01
7.	Control of Water Borne Colibacillosis through Combination or Organic Acid in Broilers	Dr. Sultan Ali	Microbiology	1.69





SUMMARY OF PUBLICATIONS

Faculty/Department/Institute	With Impact Factor	Without Impact Factor	Book/Book Ch./Manual	News/Popular/Extension Articles	Total
Faculty of Agriculture					
Department of Entomology	30	08	06	28	72
Department of Plant Pathology	49	42	20	17	128
Department of Agronomy	99	15	34	28	176
Department of Forestry and Range Management	19	16	07	09	51
Department of Plant Breeding and Genetics	72	16	06	08	102
Institute of Soil & Environmental Sciences	139	04	31	04	178
Institute of Horticultural Sciences	33	14	10	23	80
Centre of Agricultural Biochemistry and Biotechnology (CABB)	55	04	17	08	84
Total	496	119	131	125	871
FACULTY OF VETERINARY SCIENCE					
Department of Pathology	45	08	16	05	74
Department of Parasitology	73	11	47	17	148
Department of Anatomy	10	-	06	03	19
Department of Clinical Medicine and Surgery	12	-	07	-	19
Department of Theriogenology	03	-	06	-	09
Inst. of Physiology and Pharmacology	18	-	05	07	30
Institute of Microbiology	41	04	14	-	59
Total	202	23	101	32	358
FACULTY OF SCIENCES					
Department of Biochemistry	60	06	16	02	84
Department of Chemistry	248	-	-	-	248
Department of Zoology Wildlife & Fisheries	56	01	16	04	77
Department of Botany	54	02	-	-	56
Department of Physics	146	07	03	-	156
Department of Mathematics & Statistics	37	06	02	-	45
Department of Computer Science	23	08	12	-	43
Department of Islamic Studies	-	7	-	6	13
Total	624	37	49	12	722

Faculty/Department/ Institute	With Impact Factor	Without Impact Factor	Book/ Book Ch./ Manual	News/ Popular/ Extension Articles	Total
FACULTY OF ANIMAL HUSBANDRY					
Institute of Animal and Dairy Sciences	63	02	13	67	145
FACULTY OF AGRICULTURAL ENGINEERING & TECHNOLOGY					
Department of Structures & Environmental Engineering	02	-	01	-	03
Department of Farm Machinery and Power	12	04	02	15	33
Department of Irrigation and Drainage	19	01	08	05	33
Department of Fiber & Textile Technology	30	02	-	-	32
Department of Food Engineering	29	-	02	-	31
Department of Energy System Engineering	79	04	-	04	87
Total	171	11	13	24	219
FACULTY OF SOCIAL SCIENCES					
Institute of Agri. Extension, Education & Rural Development	11	44	02	52	109
Institute of Business Management Sciences	05	15	02	01	23
Institute of Agricultural and Resource Economics	38	47	09	36	130
Department of Rural Sociology	07	29	08	29	73
Total	61	135	21	118	335
FACULTY OF FOOD NUTRITION & HOME SCIENCE					
National Institute of Food Science & Technology (NIFSAT)	132	06	12	-	150
Institute of Home Sciences	09	18	06	33	66
Total	141	24	18	33	216
UAF PARS CAMPUS					
UAF CONSTITUENT COLLEGES					
UAF PARS Campus	80	20	08	02	110
Burewala Campus	25	18	09	01	53
Depalpur Okara Campus	125	21	10	04	160
Toba Tek Singh Campus	26	27	14	04	71
Grant Total	2014	437	387	422	3260

OPERATION OF ORIC

THE OFFICE OF RESEARCH INNOVATION & COMMERCIALIZATION (ORIC) ORIC UAF IS TOPMOST ORIC IN PAKISTAN

The Higher Education Commission (HEC) Islamabad directed the universities to convert their Directorate of Research into Office of Research Innovation and Commercialization (ORIC) under well-defined framework followed by performance evaluation through Key Performance Indicators (KPIs). The University of Agriculture, Faisalabad implemented the decision in letter and spirit and UAF ORIC was notified vide No. E&D No. A-3/272-10/21679-779, dated 23-07-2011 after approval of the Syndicate.

Meanwhile HEC sent a Revised ORIC Policy 2017 with comprehensive vision, mission, objectives, and Key Performance Indicators (KPIs). The UAF Syndicate in its meeting held on 22-10-2019 approved to implement Revised ORIC Policy at UAF. Afterwards ORIC Policy was further revised in 2021 and same was approved by the Syndicate in its meeting held on 23-08-2021

The HEC through its defined framework ensures the implementation of Key Performance Indicators (KPIs) for the evaluation of ORICs performance on yearly basis and announces results on the basis of performance by ORIC management and ORIC staff. The Higher Education Commission (HEC) has defined following KPIs for ORIC assessment:

SN	Key Performance Indicator	Score assigned
1.	Human Resource & Operations	10
2.	Research Excellence	45
3.	Innovation & Commercialization	30
4.	Sustainability & Capacity Building	15
Total		100

Based on these KPIs, Universities are ranked as follows:

SN	Category	Score	Preference scale
1.	W	80 and above	Top Performer
2.	X	60-79	Satisfactory Performer
3.	Y	40-59	Below Average
4.	Z	1-39	Poor Performer

Number of ORICs in each Category based on assessment

SN	Category	No. of ORICs
1.	W	04
2.	X	30
3.	Y	26
4.	Z	18

Detailed Results (UAF ORIC as Top Ranked):

SN	University of Agriculture, Faisalabad	Category		W
		Score		84.5
		Total Score	Obtained	%
1.	Human Resource and Operations	10	10	100
2.	Research Excellence	45	34.5	77
3.	Innovation & Commercialization	30	25	83
4.	Sustainability and Capacity Building	15	15	100

It is a matter of pride that ORIC, UAF has secured its first position consecutively for the second time in all the universities of Pakistan and resultantly secured to get 15% performance overhead for this institute of higher learning. ORIC, UAF is determined and ambitious to continue at top position by securing hat-trick

UNIVERSITY RANKING BY VARIOUS RANKING AGENCIES**QS World University Rankings: By Subject (Agriculture & Forestry)**

Name of Agency	Category	2023	2024
QS World University Ranking	By Subject: Agri. & Forestry	World	66 / 420
		Asia	12 / 112
		Pakistan	01 / 07
			49 / 450
			09 / 143
			01 / 12

QS World University Rankings: (World)

Name of Agency	Category	2023	2024
QS World University Ranking	Overall (World)	Asia (Overall)	210 / 760
		Southern Asia	-
		Pakistan	08 / 50
			167 / 856
			23 / 280
			06 / 63

QS World University Rankings: (By Region)

Name of Agency	Category	2023	2024
QS World University Ranking	By Region	World	1001-1200
		Pakistan	10 / 13
			741 / 1499
			06 / 14

NATIONAL TAIWAN UNIVERSITY RANKING (NTU) World University Rankings (csti.tw)

Name of Agency	Category		2023	2024
National Taiwan University Ranking (NTU) 2024 (Taiwan)	World University Ranking	World	801-850	706 / 1228
	By Field: Agriculture	World	102 / 493	85 / 491
		Pakistan	01 / 03	01 / 03
	By Subject: Agricultural Sciences	World	43 / 491	45 / 489
		Pakistan	01 / 01	01 / 01
	By Subject: Plant & Animal Sciences	World	61 / 296	58 / 295
		Pakistan	01 / 02	01 / 01
	By Subject: Environment / Ecology	World	194 / 299	148 / 298
Pakistan		01 / 02	01 / 02	

ORIC NEWS LETTER

During the year 2023-24, Office of Research Innovation and Commercialization (ORIC) has published 24 volumes of ORIC News (on fortnightly basis) comprising of news with funding opportunities, research collaboration, scholarships, fellowships, student assistantships, internship, outreach activities and travel grant opportunities for the faculty and students along with upcoming events and incentives for the faculty. E-copies of ORIC News are circulated through emails to UAF faculty members, researchers, administration, donor agencies, HEC Punjab, HEC Pakistan, PSF, PARC, PARB, Universities/Degree Awarding Institutes, Government Organizations and stakeholders in private sectors. This initiative was appreciated by different segments of the society.

RESEARCH FACILITATION THROUGH REGULATORY MECHANISM BY INSTITUTIONAL BIOSAFETY/BIOETHICS COMMITTEE (IBC) AT UAF

The Institutional Biosafety/Bioethics Committee (IBC) was established on November 10, 2009 to carry out functions as laid down under section 9 of Pakistan Biosafety Rules, notified vide No. S.R.O (1) 336 (1) 2005 dated 21-04-2005 and Punjab Biosafety Rules 2014

- o IBC also performs its functions as Intuitional Bioethics Committee
- o On-line Biosafety/Lab. Safety course is available with electronic certificate facility to the successful candidates
- o A dedicated Monitoring Officer as Biosafety Officer (BSO) is deputed for each case while overall a Biosafety Officer takes care the matters of IBC Secretariat
- o Import and export of experimental material is also regulated by IBC under the framework of the university

Number of cases processed by Institutional Biosafety/Bioethics Committee (IBC) during last 10 years

SN	Date of IBC Meeting	No. of Cases Discussed/ Recommendation
1.	01-03-2011	6
2.	07-05-2012	4
3.	08-01-2014	8
4.	09-07-2014	5
5.	02-12-2016	32
6.	22-06-2017	23
7.	15-12-2017	26
8.	29-05-2018	42
9.	14-03-2019	105
10.	23-05-2019	59
11.	17-07-2020	190
12.	24-06-2021	205
13.	22-08-2022	192
14.	22-08-2023	137
15.	15-07-2024	142
Total		1176

Institutional Bioethics Committee (IBC) at UAF

The Vice Chancellor subject to approval by the relevant statutory bodies has been pleased to revise the Institutional Bioethics Committee of the University to take up the cases of Bioethics in terms of ethical approval and to assist the Institutional Review Board (IRB) for projects scrutiny (relevant to Human and Animal) prior to submission to HEC and other funding agencies.

Pro-Vice Chancellor	Convener
Director, CABB	Member
Director, Institute of Microbiology	Member
Director General, NIFSAT	Member
Chairman, Department of Plant Pathology	Member
Chairman, Department of Biochemistry	Member
Director, ORIC	Member

Number of cases discussed in the first meeting of IBC = 13

Revised Institutional Bioethics Committee (IBC) at UAF

Director, CABB	Convener
Director, Institute of Microbiology	Member
Director General, NIFSAT	Member
Chairman, Department of Plant Pathology	Member
Chairman, Department of Biochemistry	Member
Director, ORIC	Member

Number of cases discussed in the second meeting of IBC = 16



RESEARCH COLLABORATIONS

WITH OTHER ORGANIZATIONS UNDER PARB

SN	Project Title	UAF Partner Name	UAF Partner Status	Collaborating Institute	Funding Agency
1	DNA Fingerprinting of Tomato Germplasm and Molecular Identification of Tomato Hybrids	Dr. Faisal Saeed Awan	Team Leader	Vegetable Research Institute, AARI, Faisalabad	PARB
2	Development of Climate Resilient, High Yielding and Low Prussic Acid Sorghum Variety under Various Agro-Ecosystems of Punjab, Pakistan	Dr. Khalid Hussain	Team Leader	AARI, Faisalabad	PARB
3	Development of Shattering Tolerant Brassica Napus Strains under the Scenario of Climate Change	Ms. Humera Razzaq	Team Leader	Oil seeds Research Institute, Faisalabad	PARB
4	Screening of Developed Hybrid Against Virus in Late Summer	Dr. Luqman Amrao	Team Leader	Institute of Plant Pathology, AARI, Faisalabad	PARB
5	Development of Tractor Mounted Vegetable Nursery Transplanter	Dr. Muhammad Zaman	Project Manager	Agricultural Mechanization Research Institute, Multan	PARB
6	Development of Sustainable Value Chain for Fibres Extractive from the Cornhusk Agro-Waste	Dr. Fiaz Hussain	Project Manager	National Textile University, Faisalabad	PARB
7	Cabbage and Cauliflower Seed Production in Punjab-A step Towards Self Sufficiency in Breeding and Seed Production	Dr. Khurram Ziaf	Project Manager	AARI, Faisalabad	PARB
8	Development and commercialization of Tomato Developed by Inter-and Intraspecific Hybridization for Tolerant to Virus, Heat, Frost and Improvement in Shelf Life in Punjab	Dr. Muhammad Awais Ghani	Project Manager	Muhammad Nawaz Sharif University, Multan	PARB
9	Extent and Drivers of Crop Diversification in Punjab Pakistan: A Comparative Analysis of Diversified and Non-Diversified Farming for Sustainable Farm Income	Dr. Asghar Ali	Project Manager	AARI, Faisalabad	PARB

SN	Name of Student	Regd. No.	Date of Notification	Discipline	Faculty
10	Linking Academia and Industry with Farmers for Effective Adaptaiont to Climate Change: Exploring Issues and Benchmarking Viable Framework(s) for Effective Linkages to Build Farmers and Community Resilience	Dr. Azhar Abbas	Project Manager	AARI, Faisalabad	PARB
11	Rice Straw Management by Substrate Stimulated Microbial Consortium to Improve Soil and Environmental Health	Dr. Hafiz Naeem Asgher Ch.	Project Manager	AARI, Faisalabad Kala Shah Kaku	PARB

RESEARCH COLLABORATION THROUGH SCIENTIFIC JOURNALS REGULATED BY ORIC

SN	Journal Name	Impact	Letter No.	Date of Notification
1.	Pakistan Veterinary Journal (PVJ)	3.8	ISSN 0253-8318 (PRINT), ISSN 2074-7764 (ONLINE)	Faculty of Veterinary Science, University of Agriculture, Faisalabad, Pakistan
2.	Pakistan Journal of Agricultural Sciences	0.70	ISSN 0552-9034 (PRINT), ISSN 2076-0906 (ONLINE)	University of Agriculture, Faisalabad, Pakistan
3.	International Journal of Agriculture and Biology (IJAB)	-	ISSN Print: 1560-8530; ISSN Online: 1814-9596	Friends Science Publishers
4.	Pakistan Journal of Phytopathology	-	ISSN NO. 1019-763X (Print) Online: 2305-0284	Pakistan Phyto pathological Society
5.	Soil and Environment	-	2074-9546(Print), 2075- 1141 (Online)	Soil Science Society of Pakistan (SSSP)
6.	Pakistan Entomologist	-	ISSN NO. 1017-1827 (Print) Online: 2521-5922	Pakistan Entomologist Society
7.	Journal of Agricultural Policy and Food Security (APFS)	-	-	-

RESEARCH COLLABORATION WITH INTERNATIONAL R&D INSTITUTES THROUGH HEC PROGRAM INTERNATIONAL RESEARCH SUPPORT INITIATIVE PROGRAM (IRSIP)

SN	Name of Student	Regd. No.	Discipline	Faculty	Collaborating Institute	Country Name
1	Mr. Talha Azeem	2018-ag-4551	Institute of Business Management Sciences	Sciences	University of Queens Land, Australia	Australia
2	Mr. Muhammad Usman	2010-ag-3714	Plant Pathology	Agriculture	Ohio State University, USA	USA

SN	Name of Student	Regd. No.	Discipline	Faculty	Collaborating Institute	Country Name
3	Ms. Farwa Saleem	2013-ag-3712	NIFSAT	Food Nutrition & Home Sciences	Washington State University, USA	USA
4	Mr. Muhammad Haris	2010-ag-3881	NIFSAT	Food Nutrition & Home Sciences	Washington State University, USA	USA
5	Mr. Syed Zoraiz Arif Shah	2018-ag-6921	Forestry & Range Management	Agriculture	Institute of Polytechnique UniLaSalle, France	France
6	Ms. Sumaira Shabbir	2017-ag-3039	Zoology Wildlife & Fisheries	Sciences	University of Chicago, USA	USA
7	Ms. Javaria Tabassam	2014-ag-9600	Economics	Social Sciences	University of Chicago, USA	USA
8	Ms. Tahira Rasheed	2014-ag-2872	Botany	Sciences	University of Western Australia	Australia
9	Ms. Saba Anwar	2016-ag-1917	NIFSAT	Food Nutrition & Home Sciences	University of British Columbia, Vancouver, Canada	Canada
10	Mr. Muhammad Uzair	2011-ag-3457	PBG	Agriculture	Purdue University, USA	USA
11	Ms. Kashiuf Asif	2012-ag-3595	Institute of Soil & Environmental Sciences	Agriculture	The State University, New Jersey, USA	USA
12	Mr. Ghulam Shabir	2011-ag-23132	PBG	Agriculture	Purdue University, USA	USA

RESEARCH COLLABORATION ESTABLISHED THROUGH INDUSTRY BY ORIC- UAF

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
1.	Dr. Muhammad Naveed	IS&ES	Mr. Saleem Mahmood	Fertilizer Product Unit, 8 KM Gujranwala Road, Sheikhpura	Plant GM
2.	Dr. Muhammad Uzair Qamar, Associate Professor	Department of Irrigation and Drainage	Muhammad Abid Javed	M/S M. Afzal and Sons, Lahore	Technical Sales Manager
3.	Dr. Irfan Afzal	Agronomy	Mr. Kashif Adnan	Anaaji, 336 Street No. 18 Phase VII Beharia Town, Islamabad	Managing Director

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
4.	Dr. Muhammad Tehseen Azhar	Plant Breeding & Genetic	Mr. Ghazanfar Ali	Sharif Engineering Works Sheikhupura Road, Khurianwala, Faisalabad	Managing Partner
5.	Dr. Muhammad Kashif Riaz	Plant Pathology	Muhammad Ramzan	NK Agrochemical Industry, Faisalabad	CEO
6.	Dr. Zulfiqar Ali	Plant Breeding & Genetic	Azam Ali	Vital Seed Corporation, Awan Chowk, Old Grahamor Road, Khanewal	Marketing Manager
7.	Prof. Dr. Aman Ullah Malik	Horticultural Sciences	Engr. Hamid Ali	Koldware Industries (Pvt.). Ltd Plot No. E-4 Sector 50/C Korangi, Karachi	Director
8.	Dr. Muhammad Atiq	Plant Pathology	Mr. Asghar Ali	SunFort Enterprises, 940, E Small industrial Estate Sargodha, Road, Faisalabad	CEO
9.	Dr. Zaheer Ahmad	PBG	Mr. Ghazanfar Ali	Sharif Engineering Works Sheikhupura Road Khurainwala, Fsd	Managing Partner
10.	Dr. Romana Anjum	Plant Pathology	Mr. Afaq Tiwana	Pakissan Tech, 66 P Gulberg Lahore, Pakistan	CEO
11.	Dr. Nasir Ahmed	Plant Pathology	Mr. Asghar Ali	Sunfort Enterprises, 940-E Small industrial Estate Sargodha Road, Faisalabad	CEO
12.	Prof. Dr. Zahir Ahmad Zahir	Soil & Environmental Sciences	P.L. Dupont	Jaffer Brother (Pvt.) Ltd Citi Tower 33-A Block 6 PECHS Shahra-e-Faisal, Karachi	CEO
14.	Dr. Khuram Ziaf	Horticultural Sciences	Muhammad Sharif	MDS. Import and Export quality Seed Growers, Mehr Muhammad Din & Sons M.M Din Plaza Sheikhupura, Gujranwala	Chief Executive
15.	Prof. Dr. Muhammad Jafar Jaskani	Horticultural Sciences	Umar Farooq	SAG APPAREL 534-A People Colony #1 Canal Road, Faisalabad	CEO
16.	Dr. Waqas Wakil	Entomology	Syed Adeel Akhtar Shah	AURIGA, Chemical Enterprises Head Office/ Plant 33-KM Multan, Road Lahore	Asstt. General Manager

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
17.	Dr. Muhammad Sufian	Entomology	Syed Adeel Akhtar Shah	AURIGA, Chemical Enterprises Head Office/ Plant 33-KM Multan Road, Lahore	Asstt. General Manager
18.	Dr. Rao Sohail Ahmad Khan	CABB	Zulifqar Ali	Weal-Ag Corporation, Corporate Office: 47 A, Industrial Estate, Multan	Manager Research Cotton
19.	Prof. Dr. Zahir Ahmad Zahir	Soil & Environmental Science	Dr. Maqbool Akhtar	Jaffar Brothers (Pvt.) Ltd 3-Mall Mansion, 30 Shahrah-e-Quaid-e-Azam, Lahore	Deputy General Manager
20.	Dr. Nasir Ahmed, Assistant Professor	Plant Pathology, UAF	Mr. Asghar Ali	Sunfort Enterprises, 940, E, Small Industrial Estate Sargodha Road Faisalabad	Owner
21.	Dr. Nabeel Khan Niazi, Assistant Professor	Soil and Environmental Sciences	Mr. Azhar nawaz	Aquaguard, 242 Street # 5 Calvary Ground, Cannt Lahore	Managing Director
22.	Prof. Dr. Waseem Akram	Entomology	Takatoshi Karino	Sumitomo Chemicals Asia, 3 Fraser St, Singapore, 189352	General Manager Environment Health Division
23.	Dr. Hafiz Naeem Asgher Ch.	Soil Environmental Sciences	Mr. Munir Hussain Zia	Fauji Fertilizr Company Pakistan 156 The Mall Saddar, Rawalpindi, Punjab 46000	R&D Coordinator
24.	Dr. Muhammad Aslam, Assistant Professor	Plant Breeding and Genetics	M.Asalam Naushad	Sohni Dahrti International, 5, kilo meter By pass road Sahiwal	Manager Research & development
25.	Dr. Muhammad Atiq, Assistant Professor	Plant Pathology	Mr. Asghar Ali	Sunfort Enterprises, 940,E, Small Industrial Estate Sargodha Road, Faisalabad	Owner
26.	Prof. Dr. Amer Jamil	Biochemistry, UAF	Mr. Abdul Sattar	Marketing, Bionic Advertisement, Office No. 105 First Floor Rex Hotel	Regional Manager
27.	Dr. Muhammad Zia ur Rehman (IS&ES)	Soil & Environmental Sciences	Mr. Munir Hussain Zia	Fauji Fertilizr Company Pakistan 156 The Mall Saddar, Rawalpindi, Punjab 46000	R&D Coordinator

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
28.	Dr. Muhammad Atiq	Plant Pathology	Mr. Ijaz Saddiqui	Green Pages, Lahore	CE ARM
29.	Dr. Romana Anjum	Plant Pathology	Mr. Afaq Tiwana	Pakissan Tech, 66 P Gulberg Lahore, Pakistan	CEO
30.	Dr. Junaid Nawaz Ch.	Water Management Research Centre	Mr. Ahmed Anjum	DAIM Fertilizer and Chemicals Satiana Road, Faisalabad	Proprietor
31.	Prof. Dr. Allah Bakhsh	Irrigation and Drainage	Engr. Hasan Ahmed	IT Empire 6-Z-14- Chenab Market Madina Town, Hockey Stadium Faisalabad	Director
32.	Dr. M. Jehanzeb Masud Cheema	Irrigation and Drainage	Dr. Suleman Ashraf	SATUMA (Pvt.) Ltd Union Council Road, Sihala, Islamabad, 44000, Pakistan	CEO
33.	Dr. Waseem Amjad	Energy System Engineering	Muhammad Arshad	PAMICO Technologies P-251 Street No. 2 Shadab Colony Jhang Road, Faisalabad	Chief Executive
34.	Dr. Anjum Munir	Energy System Engineering	Mian Ali Mahmood	Power Pack Energy Canal Road Abdullah Pur Faisalabad	Owner
35.	Dr. Assad Farooq	Fiber & Textile Technology	Dr. Khuram Tariq	Kay&Emms (Pvt.) Ltd 177, J.B Dhnola Millat Road, Faisalabad	CEO
36.	Dr. Muhammad Kashif Iqbal Khan	Food Engineering	Engr. Muhammad Furqan Javed	Hot-Tek, 285 Jhumra Road Mansoorabad, Faisalabad	Electrical Engr
37.	Dr. Syed Hamad Hussain Shah	Water management Research Center	Ahsan-ul-Haq Noori	Noori AgroLines Chowk Sheedan Ansari Market Taimur Road, Multan	CEO
38.	Dr. Syed Hamad Hussain Shah	Water management Research Center	Abdul AlaKurram	Water Care Services (Pvt.). (WCSP). Ltd 145b-2 Johar Town Lahore, Pakistan	Director
39.	Dr. Muhammad Jehanzeb Masub Cheema	Irrigation and Drainage	Ijaz Ahmad	Agricultural Spray Machinery, Head Office Lahore Road Okara Punjab, Pakistan	CEO / Managing Director
40.	Dr. Assad Farooq	Fiber and Textile Technology	Zaheer Abbas Fida	Pacific International P-1232 main Sheikhupura Road, Faisalabad	Technical Advisor
41.	Dr. Muhammad Uzair Qamar	Irrigation and Drainage	Mr. Muhammad Abid Javed	Sohail Ch. And Co. Lahore Bull Road Link Brandreth Road, Lahore	Zonal Manager

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
42.	Dr. Muhammad Adnan Shahid	Water Management and research Center	Mian Suleman Khalid	SK, Developer, Net Cash Pakistan, Office #61st Floor Moon Plaza Chiniot Bazar, Pakistan	CEO / Project Manager
43.	Dr. Muhammad Jehanzeb Masud Cheema	Irrigation and Drainage	Mr. Shahid Rahim	AgriTech Industries (Pvt.) Ltd, Agritech, Industries 47/B Industrial Estate, Multan	CEO
44.	Dr. Muhammad Azhar Ali	Structural and Environmental Engineering	Hafiz Muhammad Ibrahim	Saffron Pharmaceutical (Pvt.) Ltd, 19 KM Sheikhipura Road, Faisalabad	Manager OC/ QMR
45.	Dr. Zia Ahmad Chatha	Food Engineering	Mian Ali Mahmood	Power Pack Energy, Head Office, P-1269 Canal Road AbdullahPur, Faisalabad	Owner
46.	Dr. Zia Ahmad Chatha	Food Engineering	Mian Ali Mahmood	Power Pack Energy, Head Office, P-1269 Canal Road AbdullahPur, Faisalabad	Owner
47.	Dr. Muhammad Kashif Saleemi	Plant Pathology	Dr. Fiaz Ahmad Chattha	Mukhtar Feeds, 9-KM Rajana Road Samundri, Faisalabad	GM Marketing
48.	Dr. Muhammad Azhar Ali	Structural and Environmental Engineering	Muhammad Umer	M.R. International Suite No.2,3rd Floor, Sadiq Plaza, 69 Shahrah-e-Quaid-Azam, Lahore	Proprieter
49.	Dr. Abid Aslam Maan	Food Engineering	Muhammad Hammad Zia	SMD Group of Companies Corporate Office Pakistan, Office No. 13 Commercial Market Garden Town Phase III, Gujranwala	Business Development Manager
50.	Dr. Waseem Amjad	Energy Systems Engineering	Mian Ajaz Mehmood	Power Pack, Manufacturing and Development, Head Office 402, B.St. 31 Askai XI, Lahore	Owner
51.	Engr. Dr. Muhammad Azhar Ali	Structural and Environmental Engineering	Mian Ajaz Mehmood	Power Pack, Manufacturing and Development, Head Office 402, B.St. 31 Askai XI Lahore	Owner

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
52.	Dr. Muhammad Usman Farid, Lecturer	Structural and Environmental Engineering	Engr. M. Asim	Sadaqat Limited Khurrianwala 2 KM Sahianwala Rd, Faisalabad	Technical Director
53.	Dr. Muhammad Azhar Ali, Lecturer	Structural and Environmental Engineering	Mian Ajaz Mehmood	Power Pack, Manufacturing and Development, Head Office 402, B.St. 31 Askai XI Lahore	Owner
54.	Dr. Muhammad Uzair Qamar	Irrigation and Drainage	Mr. Muhammad Abid Javed	Ch. And Co. Lahore Bull Road Link Brandreth Road, Lahore	Zonal Manager
55.	Dr. Zia Ahmad Chatha, Assistant Professor	Food Engineering	Mr. Ghazanfar Ali	Sharif Engineering Works Sheikhpura Road Khurainwala, Faisalabad	Managing Partner
56.	Dr. Muhammad Azam Khan, Associate Professor	Food Engineering	Mian Ajaz Mehmood	Power Pack, Manufacturing and Development, Head office 402, B.St. 31 Askai XI, Lahore	Owner
57.	Dr. Muhammad Azam Khan, Associate Professor	Food Engineering	Mr. Ghazanfar Ali	Sharif Engineering Works Sheikhpura Road Khurainwala, Faisalabad	Managing Partner
58.	Dr. Muhammad Usman Farid	Structural and Environmental Engineering	Engr Muhammad Asim	Sadaqat Limited Khurrianwala 2 KM Sahianwala Rd, Faisalabad	Technical Director
59.	Dr. Amna Sahar	Food Engineering	Dr Farrukh Zaman	The Chicken Fresh and Natural, Pilot Ground Block B People's Colony No 1, Faisalabad	CEO
60.	Dr. Muhammad Usman Farid	Structural and Environmental Engineering	Engr Muhammad Asim	Sadaqat Limited Khurrianwala 2 KM Sahianwala Rd, Faisalabad	Technical Director
61.	Dr. Abdul Khaliq	Irrigation & Drainage	Engr Anjum Sharif	DAIM Fertilizer and Chemicals Satiana Road, Faisalabad.	Proprietor
62.	Prof. Dr. Amer Jamil	Biochemistry	Mr. Abdul Sattar	Marketing, Bionic Advertisement, Office No. 105 First Floor Rex Hotel Main Satiana Road Near Saleemi Chowk, Faisalabad	Regional Manager

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
63.	Dr. Muhammad Asif Hanif	Chemistry	Mr. Michael Doyal	INTRUSPA, 90-B5 Canal Park, Gulberg II, Lahore	Manager
64.	Dr. Raziya Nadeem	Chemistry	Muhammad Naeem	Textile Printing, United Textile Printing Industry (Pvt.) Ltd Maqbool Road, Faisalabad	Director
65.	Dr. Muhammad Asif Hanif	Chemistry	Mr. Muhammad Arshad	PAMICO Technologies P-251 Street No. 2 Shadab Colony Jhang Road, Fsd	Chief Executive
66.	Dr. Yasir Jamil	Physics	Muhammad Imran	Mian Scientific Corporation (Pvt.) Ltd 533 Jinnah Colony Fsd	National Sale Manager
67.	Dr. Muhammad Abid Rashid, Assistant Professor	Chemistry	Mr. Ebrahim Zulifqar	Ressichem International D-83 Site 309 Progressive Plaza Beaumont Road, Karachi	Director
68.	Dr. Hafiz. Muhammad Asif Javed	Physics	Mazhar Shahzad	Alaska Water, Jalal Chowk, Susan Road, Madina Town, Faisalabad	Sales and Marketing
69.	Dr. Muhammad Irfan Majeed	Chemistry	Mr. Irfan Naseer Ahmad,	Tara Group Head office Ahbab Housing Society Block G 2 Phase 2 Johar Town, Lahore	Deputy General Manager
70.	Dr. Shakuat Ali Bhatti	Institute of Animal and Dairy Sciences	Mr. Khuram Ihsan	Solve Agri Pak (Pvt.) Limited, Head Office 62-Tipu Block Garden Town Lahore	Business Development Manager
71.	Dr. Muhammad Aziz-Ur-Rehman, Assistant Professor	Institute of Animal and Dairy Sciences	Mr. Ahmad Hassan Chaudhry	Asia Poultry (Pvt.) Limited 182-Shadman-II Lahore-Pakistan	Chief Executive
72.	Dr. Muhammad Sharif, Associate Professor	Institute of Animal and Dairy Sciences	Abdul Rehman Ghaza	Ghazi Agropoulive Industries, Manufacturing and Developpent Unit Opposite Wapda Steam Power Station, Sheikhupura Road Faisalabad	Owner
73.	Dr. Muhammad Sharif	Institute of Animal and Dairy Sciences	Mr. Ghulam Hussain	MZ Engineering Works Maqbool Road Fsd	Owner

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
74.	Dr. Muhammad Aziz ur Rehman	Institute of Animal and Dairy Sciences	Mr. Mukhtar Ahmad	Heera Silage Company Ghatwala, Faisalabad	Director
75.	Dr. Muhammad Sharif	Institute of Animal and Dairy Sciences	Dr Masood Parvez	Saremco (Pvt.) Ltd, Head Office Pakistan 17-C OPF Housing Society Al-Khalidi Chowk, Lahore	CEO
76.	Dr. Rao Zahid Abbas	Parasitology	Syed Kamran Sajjad Gillani	Raza Chicks, 30 KM Faisalabad to Lahore Road, 68 Kalla Madina Chowk, Adda Johal Bus Stop, Lahore	CEO
77.	Dr. Kanwal Rehman	Institute of Physiology and Pharmacology	Dr. Muhammad Asim Saddique	Al-Abbas Hospital 41-A Main Bazar Satellite Town Sargodha	Registrar Cardiology
78.	Prof. Dr. Sajjad-ur-Rahman	Institute of Microbiology	Dr. M. Ahsan akhter	Pharmaceutical Industry, Aptly, Pharmaceutical Al-Khidmat Plaza Akbarabad Besides Daewoo Terminal Faisalabad	Managing Director
79.	Dr. Razia kausar	Veterinary Science	Dr. Fiaz Ahmad Chattha	Mukhtar Feeds, Factory, 9-KM Rajana Road, Samundri, Faisalabad	GM Sales & Marketing
80.	Dr. Rao Zahid Abbas	Parasitology	Mr. Muhammad kashif	Stomach Powder manufacturing Unit AS Hurbal Product, Jhang Road Near Shehnai Marriage Hall, Gojra	CEO/ Manager
81.	Dr. Junaid Ali Khan	Institute of Physiology and Pharmacology	Majestic Pharma	Majestic Pharma, Plot # 21 Phase # 1-A Motorway Industrial City, Faisalabad	CEO
82.	Dr. Muhammad Naeem Faisal	Institute of Physiology and Pharmacology	Dr Muhammad Suleman	Diversified Marketing Group, 92, A-Block, Satellite Town Rawalpindi, Pakistan	Country Marketing Manager
83.	Dr. Wafa Majeed	Institute of Physiology and Pharmacology	Abdul Manan	Nutrix Health Care P-44 St#3 Small Industrial Area, 9km Samundri Road, Faisalabad	Production Manager

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
84.	Dr. Muhammad Ashraf	Institute of Microbiology	Arif ur Rehman	Pharmaceutical Industry, Aptly, Pharmaceutical Al-Khidmat Plaza Akbarabad besides Daewoo Terminal Faisalabad	Director
85.	Prof. Dr. Sajjad-ur-Rehman	Institute of Microbiology	Mr. Ahsan Akhtar	Pharmaceutical Industry, Aptly, pharmaceutical Al-Khidmat Plaza Akbarabad besides Daewoo Terminal Faisalabad	
86.	Dr. Babar Shahbaz	Inst. of Agri. Extension, Education & Rural Development	Mohsin Ali Mangi	Agribusiness Solution Division, Engro Fertilizer, 7th & 8th Floor Harbor Front Building HC-3 Marine Drive Block 4, Clifton Karachi, Pakistan	Head of Agri. Business Functional Head
87.	Dr. Muhammad Inam-ur-Raheem	NIFSAT	Mr. Riaz Ahmad	Shezan International Ltd 56, Bund Road Lahore Pakistan	Manager, Production
88.	Dr. Hafiz Shehzad Muzammil	NIFSAT	Mr. Mubashir Ali Sipra	17 Farooq Industrial Estate, Near Yuhanaabad Lahore	Project Manager
89.	Dr. Ayesha Sameen	NIFSAT	Dr. Nasr Minallah	Fauji Food Ltd, FFBL Tower 103 Upper Mall Lahore	Head MPD
90.	Dr. Imran Pasha	NIFSAT	Mr. Danish Shafi	Shafi Flour Mill 647 D/2 People Colony Faisalabad	Director
91.	Dr. Muhmmad Issa Khan	NIFSAT	Sultan Ahmad Din	Hatchery Feed Mills 14-KM Sheikhpura Faisalabad Road Bikhi, Sheikhpura	GM Plant & Operation
92.	Dr. Irfan Afzal, Assocaite Professor	Agronomy	Mr. Muhammad Ather	Berry International, Jhang Road Toba Tek Singh	Managing Director
93.	Prof. Dr. Masood Sadiq Butt	NIFSAT	Ch. Iftikhar Ahmad Gondal	Madina Citrus Farm, Tehsil Bhalwal District, Sargodha	CEO

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
94.	Dr. Muhammad Asim Shabbir	NIFSAT	Syed Ijaz Hussain	Green Spring Foods, P-29 St# 5-6 Main Talian Wala Road, Rehman Colony Marzi Pura, Opp., Suriya Majeed Trust Hospital, Faisalabad	CEO
95.	Dr. Hafiz Shehzad Muzammil	NIFSAT	Gourmet Food	Gourmet Food, 73-F, Quaid-e Azam Industrial Area Kot Lakhpat, Lahore	Gourmet Food
96.	Dr. Moazzam Rafiq Khan	NIFSAT	Syed Ijaz Hussain	Green Spring Foods, P-29 St# 5-6 Main Talian Wala Road, Rehman Colony Marzi, Pura Opp., Suriya Majeed Trust Hospital Faisalabad	CEO
97.	Dr. Muhammad Kashif Iqbal Khan	NIFSAT	Muhammad Arshad	PAMICO Technologies P-251 Street No. 2 Shadab Colony Jhang Road, Fsd	Chief Executive
98.	Dr. Allah Rakha	NIFSAT	Muhammad Asif Rana	Atlas Foods (Pvt.)Ltd Rice Processors & Exporters 17-KM G.T Road (Chinwali) Gujranwala	Manager
99.	Dr. Mian Kamran Sharif	NIFSAT	Ali Raza Abbass	Safe Life International P-684, Amin Town, West Canal Road, Faisalabad	Owner
100.	Dr. Muhammad Kashif Iqbal Khan	NIFSAT	Engr.Muhammad Furqan Javed	Hot-Tek, 285 Jhumra Road Mansoorabad Faisalabad	Electrical Engr.
101.	Dr. Muhammad Issa Khan	NIFSAT	Mr. Nasib Ahmed Saifi	Anis Associates (Pvt.) Limited, Meat Processing Unit, Halal Chilled & Frozen Meat Processors and Exports	Chief Executive
102.	Dr. Muhammad Issa Khan	NIFSAT	Akbar Ali	Maf-Carefoure Pakistan (Pvt.) Limited	Manager Quality & Hygiene
103.	Dr. Ayesha Sameen	NIFSAT	Bilal Younas	New Alnoor Sweets, St # 13,Bazar # 1,Razaabad, Near Shaheen Flour Mills Faisalabad	CEO
104.	Dr. Muhammad Issa Khan	NIFSAT	Akbar Ali	Hygiene Maf Hypermarkets Pakistan (Pvt.) Ltd. Lahore	National Quality Manager

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
105.	Dr. Saima Mirza	Punjab BioEnergy Institute	Mr. Qazi Naveed Ahmad	RA Engineering Services (Pvt.) Ltd 216- 2nd Floor Al-mashrik Center Gulshan-e-Iqbal Karachi	CEO GM Project
106.	Dr. Ehsan Ali	PBI	Mr. Kashif Rafiq Afridi	Fresh Food, Behram Village Risalpur Distt. Nowshera	Managing Director
107.	Dr. Ayesha Sameen	NIFSAT	Mr. Imran Mehmood	Abdullah Foods Private Limited, Lahore	CEO
108.	Dr. Assad Farooq	Fiber & Textile Technology	Mr. Malik Muhammad Imran	M/S US Group, Lahore	Director Marketing
109.	Dr. Imran Pasha, Professor	NIFSAT	Rehmat Wheat Products (Pvt.) Ltd Lahore	Rehmat Wheat Products (Pvt.) Ltd Lahore	Executive Director,
110.	University of Agriculture, Faisalabad	UAF	Mr. Atif Kamal	Agri. Solution	Manager
111.	Dr. Assad Farooq, Associate Professor	Department of Fiber Technology		Crescent Bahuman CBL	Manager
112.	University of Agriculture, Faisalabad	UAF	Mr. Nadir Salar Qureshi	Engro Fertilizer Limited	CEO
113.	University of Agriculture, Faisalabad	UAF	Mr. Atif Kamal	BASF Pakistan (Pvt.) Limited	General Manager Agri. Solution
114.	University of Agriculture, Faisalabad	UAF	Mr. Hammad bin Abdul Khaliq	Punjab Information Technology Board Lahore (PITB)	Senior Program Manager
115.	Dr. Muhammad Inam-ur-Raheem	NIFSAT	Muhammad Saqib Rana	Tameem Traders Lahore	Director
116.	Dr. Shahid Ibne Zamir	Department of Agronomy	Mehboob Elahi	M/S Nestle Pakistan Limited	Manager
117.	Dr. M. Aziz Ur Rehman	Institute of Animal and Dairy Sciences	Dr. Munawar Hussain	M/S Sindh Feed and Allied Products (Pvt.) Limited	Production Manager
118.	Dr. M. Sufian, Assistant Professor	Department of Entomology	Syed Adeel Akhtar Shah	M/S Crop Tech Agri. Services	CEO

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
119.	Dr. Muhammad Azam, Assistant Professor	IHS	Wajid Hussain	M/S Fatiyana Trader Seed & Plant Supplier, Multan	CEO
120.	Prof. Dr. Abdul Khaliq	Department of Agronomy	Sheraz Saleem	M/S FMC Private Limited, Lahore	Director
121.	Dr. Safdar Ali, Assistant Professor	Department of Plant Pathology	Director	M/S Angel Seed Corporation	Director
122.	Dr. Amjed Iqbal, Assistant Professor	IA&RE	Mr. Farooq Ahmad	M/S Royal Crop Sciences (Pvt.). Ltd.	CEO
123.	Dr. Khalid Naveed, Assistant Professor	Department of Plant Pathology		Ch. Iqbal Agriculture Farm, Khadian Khas, Kasur	
124.	Dr. Muhammad Ashraf, Associate Professor	Institute of Microbiology	Dr. Muhammad Saeed	Aptly Pharmaceutical, Alkhidmat Plaza	Manager
125.	Dr. Muhammad Farrakh Nawaz	Forestry and Range Management		M/s Enviro Steward Company (Pvt.) Ltd	Manager
126.	Dr. Sibtain Ahmad Assistant Professor	IA&DS	Chief Executive Officer	Maan Brothers Dairy and Poultry Farm Services, Toba Tek Singh	CEO
127.	Dr. Tariq Aziz, Associate Professor	Depalpur Campus	Baber Ehsan Bajwa	CABI	Regional Director
128.	Dr. Saqib Ali, Assistant Professor	Department of Computer Science	Mr. Shakeel Faridi	Becon Impex (Pvt.) Limited, Faisalabad	CEO
129.	Dr. Ahmad Din, Assistant Professor	NIFSAT	Mr. Shahzad Qamar Zhattha	Friday Food Company Ltd,	CEO
130.	Dr. Nabeel Khan Niazi, Associate Professor	IS&ES	Consultancy	WWF-Pakistan	CEO
131.	Dr. Zunnu Rean Akhtar, Assistant Professor	Entomology	Mr. Atiq ur rehman Mirza	Logics Research & Development (SMC) (Pvt.) Limited	Director

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
132.	Dr. Abdul Wakeel, Associate Professor	IS&ES	Mr. Usman Safdar	Sawie Ecosystem Ltd	Director
133.	Prof. Dr. Bushra Sadia, Director	CABB	Mr. Mubashar Hassan Chaudhry	Asia Poultry Feed	CEO
134.	Prof. Dr. Ghulam Murtaza	ISES	Dr. Munir Hassan Zia	Fuji Fertilizer Company	Coordinator
135.	Dr. Abdul Wakeel, Associate Professor	ISES	Mr. Umar Safdar	SAWiE Ecosystem Limited	Director
136.	Dr. Jam Nazir Ahmad, Associate Professor	Department of Entomology	Abdul Hafeez	UH Analytical Supplies, Faisalabad	CEO
137.	Dr. Saad Serfraz, Assistant Professor	CABB	Dr. Faheem	Sultan Group of Companies	CEO
138.	Dr. Amir Bibi, Associate Professor	Department of Plant Breeding Genetics	Mr, Basharat Jaspal	Sarbuland Dairy & Live Stock	CEO
139.	Dr. Muhammad Kashif Iqbal Khan, Associate Professor	Department of Food Engineering	Mr. Waseem Hussain	M/s Ammar Foods (Pvt.) Limited	CEO
140.	Dr. Adnan Younis, Associate Professor	Institute of Horticultural Sciences	Malik Mohsin	M/s Suprt International Limited	CEO
141.	Dr. Saqib Ali, Assistant Professor	Department of Computer Sciences	Mr. Adil Iqbal	M/S Ikhlq Ahmad, Enterprises (Pvt.) Limited	Proprieter
142.	Dr. Zubair Aslam, Associate Professor	Department of Agronomy	Mr. Ramzan Khan	M/S R.M.A Interprices (Pvt.) Limited	CEO
143.	Dr. Irfan Afzal, Associate Professor	Agronomy	Mr. Kashif Bukhari	Agri. Business Resort, Lahore	Managing Director
144.	Dr. Irfan Afzal, Associate Professor	Agronomy	Mr. Asim Butt	Rachna Agri Business Pakistanm Shekhuopura Road	Managing Director

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
145.	Dr. Muhmmad Issa Khan, Associate Professor	NIFSAT	Ali Khurram Irfan Noumani	AKIN Food, Lahore Punjab	CEO
146.	Dr. M. Shahid Mahmood, Associate Professor,	Microbiology	Asghar Ali Ch	Ali Associated Faisalabad	Director
147.	Dr. M. Sharif, Associate Professor	Animal and Dairy Sciences	Dr. Masood Pervez	Saremco Agro Livestock Product	CEO
148.	Dr. Sultan Ali, Assistant Professor,	Microbiology	Dr. M. Naeem	City Pest Control (Pvt.) Ltd	Managing Director
149.	Prof. Dr. Sultanhabib Ullah khan	CAS	Moazam Islam	World wide Scientist, Limited	CEO
150.	Dr. Zaheer Ahmad, Assocaite Professor	PBG	Ch Shahid Iqbal	Chaudhry Feed Mills (Pvt.) Limited	Director
151.	Dr. Zunnu Rain Akhtar, Assocaite Professor	Entomology	Mr. Atiq ur Rehman Mirza	Logic Research and Development (Pvt.) Limited	Director
152.	Dr. Safdar Ali, Assistant Professor	Plant Pathology	Mr. Ali	M/S Angel Seed Corporation (Pvt.) Ltd	Director,
153.	Dr. Gulfam Hassan, Assistant Professor,	IAEE&RD	Lead Consultant	M/S Agri. Tech Solution, Multan	CEO
154.	Dr. Ateeq-ur-Rehman, Assistant Professor	(UAF Community College PARS)	Mr. Ghulam Rasool	M/S GR Agro Services, Faisalabad	CEO
155.	Dr. Muhammad Rizwan Ashraf, Assistant Professor	UAF Constituent College, Burewala	Hammad Naqi Khan	WWF Pakistan	CEO
156.	Dr. Saqib Ali, Assistant Professor	Department of Computer Sciences	Mr. Waqas Mansoor	M/S HI, Enterprises (Pvt.) Limited	GM Marketing

SN	PI Name	Dept./ Institute	Name	Industry partner	Designation
157.	Dr. Muhammad Naveed, Associaite Professor	IS&ES	Ahmad Wajid	Integrated renewable Development Cmpny (IRDC) M-3 Industrial City, Faisalabad	CEO
158.	Dr. Muhammad Naveed, Associaite Professor	IS&ES	Mr. Ramzan Khan	RMA Enterprises, Faisalabad	CEO
159.	Dr. Muhammad Shahid Ibne Zamir, Associate Professor	Department of Agronomy	Mr. Mehboob	M/S Nestle Pakistan Limited	GM
160.	Dr. Assad Farooq, Associate Professor	Fiber and Textile Technology	Mr. Intizar Ali	US Denim (Pvt.) Limited Lahore	Director



QUALITY ENHANCEMENT CELL

The QEC was established in 2004 at the University of Agriculture Faisalabad in accordance with the guidelines of the Higher Education Commission (HEC). Since its establishment, the QEC has been actively involved in raising the quality of education across all degree programs at main campus and constituent colleges. The QEC is involved in capacity building of faculty, staff and students, facilitation in institutional self-assessment process and surveys related to human resource development. The QEC scrutinizes Self-Assessment Reports (SARs) for degree programs on an annual basis and ensures the implementation of SARs evaluation outcomes. The QEC is also responsible for checking similarity (plagiarism) in student synopsis and thesis. Furthermore, the QEC at UAF liaisons and facilitates evaluating/accreditation agencies for degree accreditation or for ranking purposes.

Vision

To elevate UAF to the status of a world class institution for teaching, research, development and innovation by contributing effectively to maintain the highest standards of education in agriculture and allied sciences.

Mission

The mission of the Quality Enhancement Cell, UAF is to improve the standard of education in the areas of agriculture, veterinary sciences, agricultural engineering along with allied fields and to integrate the concept of quality assurance in education with enhanced levels of international compatibility through capacity building.

Objectives

- o To build capacity and enhance standards of quality education at UAF
- o To analyze and review the quality standards by auditing academic standards and quality of teaching, learning and management across all fields of education at UAF
- o To provide guidance in the development and implementation of internal and external quality assurance procedures and practices
- o To ensure that the quality of academic programs at UAF meet the standards expected by stakeholders
- o To facilitate development of a culture of continuous quality improvement to achieve academic excellence and ethical values
- o To promote public confidence in the quality education and research conducted at UAF

Overall Impact of Establishment of QEC at University Level

- o Dash Board of the University
- o Helpful for University Ranking
- o Improvement in Quality of Research
- o Enhanced Quality Publications
- o Line of Distinction between performers & non-performers
- o Discourage plagiarized data documentation.
- o Helpful to incentivize best performers
- o Meet HEC criteria of performer's indicators
- o Provision of Quality in Education

Accreditation of Programs from Relevant Councils

QEC-UAF facilities other evaluating agencies coming to UAF for degree accreditation or for ranking purpose, In this regards, Accreditation Inspection Committee (AIC) is visiting UAF in September, 2024 for accreditation of following degree programs.

- Environmental Sciences
- BS Dairy Sciences
- BS Forestry
- Agri Business

QEC office facilitates the accreditation process in calibration with relevant departments

Anti-Plagiarism Campaign

QEC has started creating the awareness about what is plagiarism and how to avoid plagiarism by holding seminars/workshops, articles etc. to the students and faculty. QEC has also scrutinized synopsis/thesis of various degree programs and result is as following:

Year	Synopsis			Thesis		
	Checked	SI >19 (n)	%	Checked	SI >19 (n)	%
2012	928	119	12.80	928	47	5.06
2013	2253	142	6.50	1188	18	1.51
2014	2411	111	4.60	1489	24	1.94
2015	2745	97	3.75	1612	29	1.80
2016	3325	112	3.37	2120	39	1.84
2017	3521	133	3.78	2450	53	2.16
2018	3178	121	3.81	2768	69	2.49
2019	4039	107	2.65	3327	81	2.44
2020	3727	83	2.23	2541	77	3.03
2021	2345	21	0.90	1823	61	3.35
2022	3130	39	1.25	2261	53	2.34
2023	4097	126	3.07	3952	64	1.62
2024	3970	200	5.03	3628	112	3.08
	39669	1411	3.55	30087	727	2.42

Travel Grants

Year	Checked as per HEC Protocol
2014	54
2015	78
2016	113
2017	141
2018	103
2019	61
2020	37
2021	51
2022	49
2023	10
2024	07
Total	704



DIRECTORATE OF ACADEMICS & TEACHING RESOURCE CENTER

SN	Title of Workshop/Training / Orientation/Event	Date	Number of Participants
1.	Training of Teaching Assistants of Winter Semester 2023-2024	07-09-2023	186
2.	Capacity building workshop Outcome Base Education and Blended Learning (Sub-Campus Depalpur Okara)	25-10-2023	59
3.	Focus Group Discussion with Academics Without Borders (AWB)	12-12-2023	Selected Departmental Head
4.	Training of Teaching Assistants of Spring Semester 2023-2024	02-02-2024	290
5.	Learning Module "Pedagogical Skills" (Online with Canadian Team)	13-02-2024 to 25-02-2024	101
6.	International Symposium Transformative Education Outcome Based Education	23-04-2024 to 24-04-2024	200
7.	An interactive session on Higher Education Commission's (HEC) Open and Distance Learning (ODL) policy and Generative A.I	14-05-2024	17



STAFF POSITION

Staff In Position (Financial Year 2021-22)

The University has, at present, a Faculty/Staff of 591 Teachers/Officers whose position is as under-

Academic Staff by designation:

Professor	32	Foreign PhD	250
Associate Professor	189	Local PhD	196
Assistant Professor	158	Non-PhD	118
Lecturer	185		
Network Admin	02	Research Staff	
Research Officer (Regular)	04	Foreign PhD	01
Research Officer (Temporary)	05	Local PhD	07
Adhoc/Contract Staff	10	Non PhD	19
Farm Manager(Temporary)	01		
Research Associate (Contract)	01	GRAND TOTAL	591
Web Developer	04		
Total	591		



FACULTY DEVELOPMENT

THE LIST OF FACULTY MEMBERS WHO HAVE COMPLETED PhD/ POST-DOC UNDER VARIOUS SCHOLARSHIPS

SN	Full Name, Department	Country/University	Degree	Date of Completion of Highest Degree
1.	Mr. Sarmad Rehan, Department of Anatomy	UAF, Pakistan	PhD	20.02.2024
2.	Rana Dawood Naseer, Institute of Physiology & Pharmacology	UAF, Pakistan	PhD	14.12.2023
3.	Dr. Muhammad Naeem, National Institute of Food Science & Technology	GCUF, Pakistan	PhD	29.03.2024
4.	Dr. Muhammad Auon, UAF Constituent College, Toba Tek Singh	UAF, Pakistan	PhD	04.06.2024

LIST OF FACULTY MEMBERS PURSUING PhD/ POST-DOC DURING 2023-24

SN	Name of Teacher with Department	Scholarship	University/ Country	Starting Period - todate
PhD				
1.	Mr. Shahbaz Ahmed, Lecturer, Department of Plant Breeding & Genetics	ADP project titled "50 Overseas PhD Scholarships for University of Agriculture, Faisalabad"	Washington State University, USA	31.08.2016 todate
2.	Syed Mohsin Raza Naqvi, Lecturer, Department of Rural Sociology	ADP project titled "50 Overseas PhD Scholarships for University of Agriculture, Faisalabad"	Humboldt University, Berlin, Germany	14.10.2016 todate
3.	Malik Zohaib Ali, Lecturer, Department of Anatomy	Fulbright Scholarship	Colorado State University, USA	01.01.2018 todate
4.	Mr. Azlan Zahid, Lecturer, Department of Farm Machinery & Power	Graduate Assistantship of the Pennsylvania State University	Pennsylvania State University, USA	24.01.2018 todate
5.	Muhammad Umer Ashraf, Lecturer, Institute of Microbiology	ADP project titled "50 Overseas PhD Scholarships for University of Agriculture, Faisalabad"	Sungkyunkwan University, South Korea	26.02.2018 todate

SN	Name of Teacher with Department	Scholarship	University/ Country	Starting Period - todate
6.	Mr. Muhammad Ali, Lecturer, Department of Farm Machinery & Power	HEC Scholarship under "HRDI Initiative MS leading to PhD program of Faculty Development for UESTPS, Phase-I"	Ghent University, Belgium	29.01.2019 todate
7.	Mr. Mohsin Noor, Lecturer, Department of Structures and Environmental Engineering	HEC scholarship titled "PhD scholarship program, US-Pakistan Knowledge Corridor (Phase-I)"	Washington State University, USA	05.08.2019 todate
8.	Mr. Ghazanfar Abbas, Lecturer, Institute of Microbiology		University of Melbourne, Australia	23.08.2019 todate
9.	Mr. Bahar-e-Mustafa, Lecturer, UAF Sub Campus, Toba Tek Singh	Melbourne Research Scholarship	University of Melbourne, Australia	20.03.2023 todate
10.	Ms. Irfa Rizwan, Lecturer, Institute of Home Sciences	HEC overseas scholarship entitled "Overseas Scholarships for PhD in Selected Fields Phase-III (Batch 2)".	University of Edinburgh, UK	11.11.2021 todate
11.	Mr. Asif Aslam, Lecturer, National Institute of Food Science & Technology	HEC overseas scholarship entitled "Overseas Scholarships for PhD in Selected Fields Phase-III (Batch 2)".	Wageningen University & Research, Netherlands	12.12.2021 todate
12.	Ms. Aniqah Rehman, Lecturer, Centre of Agri. Biochemistry & Biotechnology	HEC overseas scholarship entitled "Overseas Scholarships for PhD in Selected Fields Phase-III (Batch 2)"	University of Putra, Malaysia	10.03.2022 todate
13.	Ms. Mubashrah Mahmood, Lecturer, Department of Theriogenology	ADP project titled "50 Overseas PhD Scholarships for University of Agriculture, Faisalabad".	Iowa State University, USA	15.10.2022 todate
14.	Mr. Muhammad Ismail Hashmi, Lecturer/Research Associate, UAF Sub Campus, Burewala	HEC Overseas Scholarship for PhD in selected fields Phase-III, Batch-I	Nanjing Agricultural University, China	01.12.2022 todate
15.	Nihal Ahmad Khan, Lecturer, Institute of Business Management Sciences	ADP project titled "50 Overseas PhD Scholarships for University of Agriculture, Faisalabad".	Washington State University, USA	20.07.2023 todate

SN	Name of Teacher with Department	Scholarship	University/ Country	Starting Period - todate
16.	Mr. Khuram Shehzad, Lecturer, Department of Mathematics and Statistics	-	School of Mathematical Sciences, Jiansu University, China	15.08.2023 todate
17.	Ms. Tabinda Tariq, Lecturer, UAF Sub Campus, Burewala	Chinese Government Scholarship	Nanjing Agricultural University, China	21.08.2023 todate
18.	Ms. Mahi Noo Arshad, Lecturer, UAF Community College, PARS Campus	Self-basis	University of Gloucestershire, England, UK	15.01.2024 todate
Post Doc.				
19.	Dr. Abdul Wahaab, Lecturer, UAF Sub Campus Toba Tek Singh	-	University of Texas Medical Branch (UTMB), Texas, USA	30.12.2022 todate
20.	Dr. Iqra Ayub, Lecturer, Department of Energy Systems Engineering	-	Harbin Institute of Technology Shenzhen, China	05.07.2023 todate
21.	Dr. Muhammad Waqar Akram, Lecturer, Department of Farm Machinery and Power	-	Hohai University, China	06.03.2024 todate
22.	Dr. Faisal Mahmood, Assistant Professor, Department of Energy Systems Engineering	-	Post-Doc at Jiangsu University, China.	03.07.2023.to 01.07.2025
23.	Dr. Amen Shamim, Assistant Professor, Department of Computer Sciences	-	Post-Doc at University of Manchester, UK.	07.04.2024 to 06.04.2025
24.	Dr. Usman Khan, Assistant Professor, Deptt. of Energy Systems Engineering	-	Post-Doc at Washington State University, USA	27.03.2024 to 26.03.2025

PARTICIPATION IN INTERNATIONAL/FOREIGN TRAINING COURSE /SEMINAR/ CONFERENCE / WORKSHOP/ SYMPOSIA/ EXHIBITIONS (01.07.2023 TO 30.06.2024)

SN	Name Designation & Department/ Institution	Foreign Training Program and Country	Date of Commencement/ Period
1.	Prof. Dr. Muhammad Sarwar Khan, Centre of Agricultural Biochemistry and Biotechnology (CABB)	Exploration of Good Research and Development Approach for Improvement of Agricultural Productivity of Pakistan, Korea International Cooperation Agency (KOICA) Research Study Center, Seongnam, Korea	15.07.2023 to 28.07.2023
2.	Prof. Dr. Nadeem Akbar, Department of Agronomy	Exploration of Good Research and Development Approach for Improvement of Agricultural Productivity of Pakistan, International Cooperation Korea	15.07.2023 to 28.07.2023
3.	Dr. Hafiz Mamoon Rehman, Assistant Professor, Department of CABB	International Training on Tissues Culture for Tropical Crops in China	01.08.2023 to 20.08.2023
4.	Dr. Zunaira Afzal, Assistant Professor, Department of CABB	International Training on Tissues Culture for Tropical Crops in China	01.08.2023 to 20.08.2023
5.	Dr. Irfan Ahmad, Associate Professor, Department of Forestry and Range Management	Third China-Pakistan Tropical Arid Non-wood Forest Science and Technology Exchange Conference Zhengzhou, Henan, China	26.09.2023 to 28.09.2023
6.	Dr. Fahad Rasheed, Associate Professor, Department of Forestry and Range Management	Third China-Pakistan Tropical Arid Non-wood Forest Science and Technology Exchange Conference Zhengzhou, Henan, China	26.09.2023 to 28.09.2023
7.	Dr. Muhammad Haroon-U-Rashid, Assistant Professor, Department of Forestry and Range Management	Scientific Exchange Program, Fellowship Program (SEP Fellowship) Climate Smart Agriculture(CSA) at Michigan State University, USA	11.09.2023 to 06.12.2023
8.	Dr. Nasir Ahmed, Associate Professor, Department of Plant Pathology	Third China-Pakistan Tropical Arid Non-wood Forest Science and Technology Exchange Conference Zhengzhou, Henan, China	26.09.2023 to 28.09.2023
9.	Dr. Muhammad Kashif Saleemi, Associate Professor, Department of Pathology	XXII World Veterinary Poultry Association Congress (WVPAC-2023 organized by World Visionary Poultry Association and Italian Branch of WVPA at Verona fire Verona, Italy	04.09.2023 to 08.09.2023
10.	Dr. Azhar Abbas, Associate Professor, Inst. of Agri. & Resource Economics	SANH workshop, Sri Lanka	02.10.2023 to 07.10.2023

SN	Name Designation & Department/ Institution	Foreign Training Program and Country	Date of Commence-ment/ Period
11.	Dr. Amjad Abbas, Associate Professor, Department of Plant Pathology	International Workshop on Policies for Engaging persons with disabilities in Agriculture by APO, Japan, International Scholarship Program	03.10.2023 to 05.10.2023
		3rd International Congress of the Turkish Journal of Agriculture Food Science and Technology (Virtual) Turkey	15.09.2023
12.	Dr. Sultan Ali, Associate Professor, Institute of Microbiology	International Training Program on "Enhancing Molecular Biology, Epidemiology & Sequencing" (Virtual series of Workshops) jointly organized by National Laboratories, USA and PHBG, University of Science and Technology, Irbid Jordan	21.10.2023 to 01.11.2023
13.	Dr. Fahd Rasul, Associate Professor, Department of Agronomy	Revolutionizing Agriculture for a Sustainable Future (EDORER Master Class), Malaysia	11.10.2023 (Webinar)
14.	Dr. Saddam Hussain, Assistant Professor, Department of Agronomy	International Ege Agriculture Congress, Ege University Izmir, Turkiye	01.11.2023 to 03.11.2023
		International Hemp Expo and Forum 2023, Bangkok, Thailand	22.11.2023 to 23.11.2023
		International Seminar on Industrial Hemp Value-Chain Yunnan University, Kunming, China	17.09.2023
		6th International Rice Congress, Online Manila	16.10.2023 to 19.10.2023
15.	Dr. Shakeel Imran, Assistant Professor, Agronomy UAF Sub-Campus, Burewala	3600 view of Seed Priming Bangkok, Thailand	28.01.2024 to 08.02.2024
16.	Dr. Muhammad Shahzad, Assistant Professor, Department of Energy System Engineering	Enhancing Learner Centered Pedagogical Skills (Online)	13.02.2024 to 15.02.2024
17.	Dr. Aysha Kiran, Associate Professor, Department of Botany	Enhancing Learner Centered Pedagogical Skills, AWB/USF, Canada	13.02.2024 to 23.02.2024
18.	Dr. Hasan Zulfqar, Lecturer, Inst. of Agri. & Resource Economics	Enhancing Learner-Centered Pedagogical Skills, Universities Sans Frontiers	13.02.2024 to 23.10.2024
19.	Dr. Shah Nawaz, Assistant Professor, Department of Anatomy,	Enhancing Learner-Centered Pedagogical Skills. AWB-USF (Online)	15.02.2024
20.	Prof. Dr. Zia-ur-Rehman, Principal, Sub-Campus Toba Tek Singh	Enhancing Learner-Centered Pedagogical Skills (Online) (AWB/USF) Academics Without Borders Universities Sans Frontiers (Canada)	February to March, 2024

SN	Name Designation & Department/ Institution	Foreign Training Program and Country	Date of Commencement/ Period
21.	Dr. Muhammad Tariq, Associate Professor, Sub-Campus Toba Tek Singh	Enhancing Learner-Centered Pedagogical Skills (Online) (AWB/USF) Academics Without Borders Universities Sans Frontiers (Canada)	February to March, 2024
22.	Mr. Muhammad Ashraf, Lecturer, Sub-Campus Toba Tek Singh	Enhancing Learner-Centered Pedagogical Skills (Online) (AWB/USF) Academics Without Borders Universities Sans frontiers (Canada)	February to March, 2024
23.	Dr. Tariq Aziz, Associate Professor (Soil Sciences), UAF, Sub-Campus Depalpur, Okara	"Grasping Nitrogen" along 5th Forum of Ministers and Environment Authorities of Asia Pacific, Organized by MoE, Sri Lanka, SANH and SACEP, at Shangrilla Hotel, Sri Lanka	29.09.2023
		Annual Meeting of the South Asia Nitrogen Hub at University of Peradniya, Sri Lanka	02.10.2023 to 06.10.2023
		Navigating Food Security in a Changing World: Strategies for Sustainability" organized by Global Visionaries Alliance Online	23.12.2023
		4th Meeting of UNEP-Working Group on Nitrogen (online), on "South Asia Roadmap for sustainable Nitrogen Management (UNEP) Nairobi, Kenya	29.09.2023
		"SANH (India) Stakeholder's Workshop on Sustainable Nitrogen Management-2023""Kalinga Institute of Industrial Technology, Bhubaneswar, India (Online)	25.08.2023 to 26.08.2023
		9th International Nitrogen Conference, New Delhi, India (Online)	05.02.2024 to 08.02.2024
		UN Environment Assembly UNEA-06 Nairobi, Kenya	26.02.2024 to 01.03.2024
		UNEA-6 official side event "Making Nitrogen Visible through Sustainable Development Goals, Nairobi, Kenya	26.04.2024
24.	Dr. Sarmad Rehan, Lecturer, Department of Anatomy	Enhancing Learner Centered Pedagogical Skills.)	15.02.2024
		7th International Cukurova Agriculture and Veterinary Congress, Adana, Turkiye	09.03.2024 to 10.03.2024
		Biorender Webinar (Online)	13.03.2024

SN	Name Designation & Department/ Institution	Foreign Training Program and Country	Date of Commence-ment/ Period
25.	Dr. Muhammad Naeem Faisal, Associate Professor, Institute of Physiology and Pharmacology	12th International Research and Innovation Congress, Almaty, Kazakhstan.	03.03.2024 to 04.03.2024
		International Congress on Advanced Research and Applications, Sivas, Turkey	01.12.2023 to 02.12.2023
		5th Baskent International on Multidisciplinary Studies, Ankara, Turkey	21.12.2023 to 22.12.2023
		Ases VI. International Scientific Research Conference, Ankara, Turkey	22.11.2023 to 24.11.2023
		Bilsel International Gordion Science Research Congress, Ankara, Turkey	29.09.2023 to 30.09.2023
		5th International Dicle Scientific Research and Congress, Turkey	09.09.2023 to 10.09.2023
		International Istanbul Current Scientific Research Congress, Istanbul, Turkey	01.04.2024 to 03.04.2024
26.	Prof. Dr. Anjum Munir, Chairman/ Department of Energy System Engineering	Combine Harvesters of the Asian and Pacific Network for testing of Agriculture Machinery (ANTAM), Thailand	19.05.2024 to 24.05.2024
27.	Dr. Waseem Amjad, Assistant Professor, Department of Energy System Engineering	International DAAD Alumni Training Seminar "Opportunity for Climate and Nature Protection in Agriculture and rural areas" at the University of Siegen, Germany	18.06.2024 to 30.06.2024
28.	Dr. Muhammad Shahzad, Assistant Professor, Department of Energy System Engineering	2-Instructional Skills Workshop (Online)	June, 2024
29.	Dr. Zaheer Ahmad, Associate, Professor, Department of Plant Breeding and Genetics	World Biodiversity Forum 2024, Davos Switzerland	16.06.2024 to 21.06.2024
		Exploration of Good Research and Development Approach for Improvement of Agricultural Productivity in Pakistan, Seol	15.07.2023 to 28.07.2023
		International Training on Development of GM Wheat and Confined trials, Melbourne	23.09.2024 to 27.09.2024
30.	Dr. M. Ahsan Khan, Assistant Professor, Department of Plant Breeding and Genetics	Exploration of Good Research and Development Approach for Improvement of Agricultural Productivity in Pakistan, Seol	15.07.2023 to 28.07.2023
31.	Prof. Dr. Muhammad Sarwar Khan, Dean, Faculty of Agriculture.	2023 Asia – Europe Expo and Education International Exchange and Cooperation Forum at Urumqi, Xinjiang, China	13.09.2023 to 16.09.2023
		"First World Chinese Language Conference" Beijing China	05.12.2023 to 10.12.2023
		Sustainable Development Policy Institute (SDPI), Islamabad organized "Pakistan Biosafety Capacity Building Program" at Dubai	24.01.2024 to 25.01.2024

SN	Name Designation & Department/ Institution	Foreign Training Program and Country	Date of Commencement/ Period
32.	Dr. Muhammad Imran Arshad, Associate Professor, Institute of Microbiology	Research Project training and collaboration at IRSET, University of Rennes, France	24.05.2024 to 04.06.2024
		Research Project training and collaboration at Jiangsu University, China as Adjunct Professor	19.05.2024 to 27.05.2024
33.	Dr. M. Nadeem Ashraf, Assistant Professor, Inst. of Soil and Environmental Sciences	Attended a Summer School: A practical Introduction to greenhouse gas measurements in agriculture, conducted at Geisenheim University Germany	23.06.2024 to 28.06.2024
34.	Dr. Fahad Rasul, Associate Professor, Department of Agronomy	Revolutionizing Agriculture for a sustainable future (EDORER Master Class (Malaysia (Webinar)	11.06.2024
35.	Dr. Raheela Rehman, Assistant Professor, Department of Plant Breeding and Genetics	World Biodiversity Forum 2024, Davos Switzerland	16.06.2024 to 21.06.2024
		International Training on Development of GM Wheat and Confined trials, Melbourne	23.09.2024 to 27.09.2024
36.	Dr. Rana Muhammad Atif, Associate Professor, Department of Plant Breeding and Genetics	Marker-Assisted breeding in Chickpea, University of California Davis, USA	09.09.2023 to 09.03.2024
37.	Dr. Mashkoor Mohsin, Associate Professor, Institute of Microbiology	Tools of Epidemiology of AMR Plasmids, One-Health Transmission and Surveillance Meeting at University of Bath, United Kingdom	06.06.2024
		FAO Knowledge dissemination dialogue on AMR Webinar, Rome Italy, (Online)	23.04.2024
		Seegene Educational Seminar One Health and AMR. South Korea	09.04.2024
		14th International Symposium on Antimicrobial Agents and Resistance (ISAAR) & 2024 Annual Conference of the Korean Society of Antimicrobial Therapy, Seoul, South Korea	08.04.2024 to 11.04.2024
38.	Dr. Ashir Masroor, UAF Sub-Campus Burewala, Vehari	Seminar on Methods and Standards of Crop Pest Management in China and Pakistan (Online)	25.09.2023

PARTICIPATION IN LOCAL TRAINING COURSE /SEMINAR/ CONFERENCE/ WORKSHOP/ SYMPOSIA/ EXHIBITIONS

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
1	Dr. Ghulam Farid, Assistant Professor	Mathematical Modeling using Mathcad and Mathematica, UAF	13.07.2023 to 14.07.2023
	Mr. Muhammad Arif. Lecturer	Workshop Postgraduate Especially MPhil.3rd Semester Students, UAF	13.12.2023 to 14.12.2023
	Mrs. Nadia Idress, Lecturer	Pure and Applied Mathematica, UAF	22.04.2024 to 23.04.2024
	Syed Muhammad Nadeem Saeed, Lecturer	Data Handling Techniques for Applied Sciences, UAF	02.05.2024 to 03.05.2024
	Ms. Rabia Munir, Lecturer, Department of Mathematics & Statistics		
2	Dr. Naveed Hussain, Assistant Professor,	Mathematical Modeling using Mathcad and Mathematica, UAF	13.07.2023 to 14.07.2023
	Dr. Muhammad Imran Khan Assistant Professor,	Workshop Postgraduate Especially MPhil.3rd Semester Students, UAF	13.12.2023 to 14.12.2023
	Dr. Muhammad Kashif, Assistant Professor,	Pure and Applied Mathematica, UAF	22.04.2024 to 23.04.2024
	Ms. Madiha Ghamkhar, Lecturer,	Data Handling Techniques for Applied Sciences, UAF	02.05.2024 to 03.05.2024
	Mr. Muhammad Usman, Lecturer,	Recent Trends in Statistics Data Analysis with Application in Natural Sciences, at Air University Islamabad	09.05.2024
Dr. Muhammad Zafar Iqbal, Associate Prof./Chairman, Department of Mathematics & Statistics			
3	Ms. Mahi Noo Arshad, Lecturer, Department of Mathematics & Statistics	Mathematical Modeling using Mathcad and Mathematica, UAF	13.07.2023 to 14.07.2023
		Workshop Postgraduate especially MPhil.3rd Semester Students, UAF	13.12.2023 to 14.12.2023
4	Mr. Khurrem Shahzad, Lecturer, Department of Mathematics & Statistics	Mathematical Modeling using Mathcad and Mathematical, UAF	13.07.2023 to 14.07.2023

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
5	Dr. M. Tahir Shahazad, Lecturer, Inst. of Soil and Environmental Sciences	2-day Training Workshop on "Mathematical modeling using Mathcad and Mathematics" at UAF	13.07.2023 to 14.07.2023
6	Dr. Muhammad Iqbal, Associate Professor, Inst. of Soil and Environmental Sciences	Soil Water and Plant Analysis at NIAB, Faisalabad	29.08.2023 to 31.08.2023
7	Dr. Muhammad Kashif Saleemi, Associate Professor	"Poultry Science Conference" (PSC-223) & I-Pex 2023 at Expo Centre Lahore	21.09.2023 to 23.09.2023
	Dr. Al Hafiza Shafia Tehseen Gul, Associate Professor, Department of Pathology		
8	Dr. Saddam Hussain, Assistant Professor, Department of Agronomy	One-day workshop by the National Incubation Center, Faisalabad at UAF	23.09.2023
9	Dr. Hafiz. Muhammad Asif Javed, Assistant Professor, Department of Physics	1-Speaker, 6th International Conference on Materials Science and Nanotechnology (MSNANO-23), Department of Physics, Government College University Faisalabad,	25.09.2023 to 27.09.2023
		2-Organizer, Capacity Building Workshop for Visiting Faculty at PARS, UAF Community College	12.10.2023 to 13.10.2023
		3-Organizer, The Two-Day Training Program Workshop on Scientific Writing Skills, UAF Community College, PARS	07.12.2023 to 08.12.2023
		4-Keynote Speaker, The Two-Day Training Program Workshop on Scientific Writing Skills, UAF Community College, PARS	07.12.2023 to 08.12.2023
		5-Invited Speaker, 4th International Conference on Physical Science and Engineering (ICPSE-2024), Khwaja Fareed University of Engineering and Information Technology, RYK	07.02.2024 to 09.02.2024
		6-Organizer, The Two-Day International Symposium on Medicinal Plants and Natural Products, UAF Community College, PARS	07.03.2024 to 08.03.2024
		7-Organizer, International Conference on Plasma Science and Allied Technologies (PSAT-2024), Department of Physics, Government College University, Faisalabad	09.05.2024 to 10.05.2024

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
10	Dr. Muhammad Kashif Saleemi, Associate Professor, Department of Pathology Dr. Al Hafiza Shafia Tehseen Gul, Associate Professor, Department of Pathology Dr. Aisha Khatoon, Assistant Professor, Department of Pathology Dr. Muhammad Imran, Assistant Professor, Department of Pathology	One day Sin-Pakistan Workshop on Control of Major Livestock Disease	17.11.2023
11	Dr. Fahad Raheed, Associate Professor, Department of Forestry and Range Management	Abstract Accepted for Oral Presentation at International Conference on " Biodiversity and Medicinal plants: A Way Forward for Sustainable Development" at Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi	26.11.2023 to 28.11.2023
12	Dr. Al-Hafiza Shafia Tehseen Gull, Associate Professor, Department of Pathology Prof. Dr. Kashif Saleemi, Department of Pathology Dr. Aisha Khatoon, Assistant Professor, Department of Pathology Dr. Muhammad Imran, Assistant Professor, Department of Pathology	International Symposium on Poultry health challenges in Pakistan	28.12.2023
13	Dr. Muhammad Iqbal, Associate Prof./Chairman, Math. & Stat.	Workshop Postgraduate especially MPhil 3rd Semester Students, UAF	13.12.2023 to 14.12.2023
14	Dr. Shakee Anjum, Associate Professor, Department of Agronomy	International Seminar on Smart Agro- Farming through Modern Innovation	23.02.2024

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15	Dr. Saqib Ali, Associate Professor, Dept. of Computer Sciences	International Seminar on AI and Smart Agriculture, CAS, UAF	07.05.2024
		Lnauguration of Pak-China Agriculture lab, CAS, UAF	07.05.2024
		National Seminar on Food Security, Islamabad	09.07.2023
		Food Ag 2023	10.08.2023 to 12.08.2023
		Strategic Communications Expert, Special Technology Zones Authority (STZA) to UAF	05.09.2023
		Precisions Agriculture Stakeholder Consulta, on Event, NASTP, Islamabad	25.09.2023
		Research Program on New Productivity Tools in Agriculture	25.09.2023
		Breast cancer Awareness at CAS in connection with Pink Day 2023	18.10.2023
16		SECDIV Outreach and Awareness Raising Program, New Senate Hall, UAF	01.12.2023
		Strengthening Food Security Post-Covid-19 and Locust Attacks, CAS, UAF	15.12.2023
		Bridging the Future with Block Chain and AI Workshop NIC, Faisalabad	12.01.2024
		Round the Table Conference on Agri. Tech in Pakistan at Future Fest 2024, Expo Centre, Lahore	27.01.2024
		HEC –MNFSR Joint National Conference on Applications of Artificial Intelligence in Agriculture, HEC Auditorium, Islamabad	01.02.2024
		Guest Speaker and Session Chair in 02 Days International Conference in “Precision and Sustainable Agriculture Under Climate Change IPSAC-2024” at KFUEIT Raheem Yar Khan	22.02.2024 to 23.02.2024
		Ist IEEE Karachi Section Humanitarian Technology Conference 2023, Information Technology Centre, Sindh Agriculture University, Tandojam	08.02.2024 to 09.02.2024
17	Dr. Razia Kausar, Assistant Professor, Department of Anatomy	One-day Seminar in Quality Assurance in Teaching and Research,	26.06.2024
		Wheat Campaign, 2023	07.11.2023 to 16.11.2023
	Dr. Sarmad Rehan, Lecturer, Department of Anatomy	Spring Festival UAF, March, 2024	03.03.2024 to 10.03.2024

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
18	Dr. Shah Nawaz, Assistant Professor, Department of Anatomy	Training Workshop for Teachers Evaluation Website QEC, UAF	17.04.2024
		One-day Seminar in Quality Assurance in Teaching and Research	26.06.2024
		Spring Festival UAF, March, 2024	03.03.2024 to 10.03.2024
19	Dr. Muhammad Naeem Faisal, Associate Professor, Institute of Physiology and Pharmacology	2nd International Brain and Biomedicines Conference, Pakistan	08.05.2024 to 09.05.2024
		Medical Education, Research, International Training and Transfer of Technology, Pakistan	04.05.2024
20	Dr. Naima Nawaz, Assistant Professor, Department of Rural Sociology	1-Two-Days Workshop on Situation Analysis of Gender access to Rural Advisory series (RAS) A Case Study in Multan by (CABI)	04.07.2023 to 05.07.2023
		2-Two-Days workshop on Gender Sensitize Research Methodologies Islamabad, by CABI	19.06.2023 to 20.06.2023
		3-Seminar on "Narcotics Awareness" collaboration with Anjuman Insdad-e- Munshiyat (Regd) Faisalabad	22.11.2023
		4-Seminar on Child Labor Eradication Program (CLEP)	27.02.2024
		5-Seminar on "World Women's Day"	08.03.2024
21	Dr. Abdur Rehman Shahzad, Lecturer, Department of Rural Sociology	1-International Conference on Population	21.10.2023 to 22.10.2023
		2-International Conference on Sustainable Pakistan	25.11.2023
		3-International Conference on Business Management	18.01.2024
22	Dr. Naveed Farah, Lecturer, Department of Rural Sociology	1-Short Training Course on "Dynamic Human Environment Games"	29.01.2024 to 02.02.2024
		2-7th Agriculture Census Conference	05.06.2024
23	Dr. Abdul Rashid, Associate Professor, ORIC	Capacity Building of Faculty Members at UAF Sub Campus, Burewala, Vehari	26.02.2024
		Capacity Building of Faculty Members at UAF Sub Campus, Toba Tek Singh	29.02.2024
		3-Capacity Building of Faculty Members at UAF Sub Campus, Depalpur	20.04.2024
24	Mr. Muhammad Imran Munawar, Research Officer, BIC	Tabeer, Entrepreneurial Coaching Training	24.04.2024 to 26.04.2024
		Tabeer, Governance and Management of Incubator	10.06.2024 to 14.06.2024

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25	Dr. Azhar Abbas, Associate Professor, Inst. of Agri. & Resource Economics	Training Workshop for New Program Evaluators, Faisalabad	01.01.2024
26	Dr. Javeria Nasir, Lecturer, Inst. of Agri. & Resource Economics	Pakistan Agricultural Coalition's Agri. Connections 2024, Lahore	25.04.2024
		Mainstreaming Climate Change in to Higher Education in Pakistan	27.06.2024
27	Dr. Hasan Zulfqar, Lecturer, Inst. of Agri. & Resource Economics	Exhibition in University Spring Festival 2024	06.02.2024
		Pakistan Agricultural Coalition's Agri. Connections 2024, Lahore	25.04.2024
28	Dr. Fahd Rasul, Associate Professor, Department of Agronomy	International Workshop on "Peri-urban Land Use Change & Food Security" held in CAS UAF	26.01.2024 to 30.01.2024
		"International Conference on "Sustainable Future Food System" at GCUF, Faisalabad Pakistan, Presented in Technical Session "S4- Environmental Sustainability	29.04.2024 to 30.04.2024
29	Prof. Dr. Nadeem Akbar, Department of Agronomy	International Seminar on Smart Agro- Farming Through Modern Innovation International Seminar	23.02.2024
		International Conference on Biodiversity and Biosafety International Conference	27.05.2024 to 29.05.2024
30	Dr. Iftikhar Ali, Assistant Professor, Department of Agronomy	International Conference on Geo-informatics for Water and Agricultural Resource3 Management at UAF	24.04.2024 to 26.04.2024
		3rd Pakistan Seed Congress 2024 on "Seed Innovations for Transforming agriculture" at UAF	28.04.2024 to 30.04.2024
31	Dr. Asif Iqbal, Associate Professor, Department of Agronomy	International Seminar on Molecular and Agro-ecological Interventions for Sustainable Peri-Urban Agriculture (1-2 Feb. 2024) at UAF	28.04.2024 to 30.04.2024
		International Seminar on Smart agro- Farming through Modern Innovation at UAF	23.02.2024
		Workshop on Ppromoting Climate-Smart Agriculture Research in Pakistan at UAF	28.02.2024
		International Conference on Emerging Technologies for Crop Improvement in Pakistan, UAF	19.02.2024 to 20.02.2024
		International Conference on Biodiversity and Bio Safety at UAF	27.05.2024 to 29.05.2024
		Training Workshop on Seed Coating & Pelleting Technologies, UAF	25.06.2024

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32	Dr. Fahd Rasul, Associate Professor, Department of Agronomy	Annual Research Program of Adaptive Research for Rabi 2023-24, Auditorium Agriculture House, Lahore	23.09.2023
		Seminar on "Climate Change Youth Mobilization" at CAS auditorium, UAF by Pak- US Embassy in Pakistan	06.06.2024
		Presented in Seminar on "Dialogue on Global certificate of Agri. Graduates" Under Senior Tutor Office	11.12.2023
		Participation in Seminar "Situation of clean drinking water in Punjab"	21.02.2024
33	Dr. Raheela Rehman, Assistant Professor, Department of Plant Breeding and Genetics	Capacity Building Workshop on Seed Production System of Bio fortified Wheat, AARI, Faisalabad	25.03.2024
34	Dr. Huma Saleem, Assistant Professor, Department of Plant Breeding and Genetics	Enhancing Learner-Centered Pedagogical Skills	23.02.2024
35	Dr. Abdul Wakeel, Associate Professor, Inst. of Soil and Environmental Sciences	Training: APSIM _ Next generation modelling cropping system	27.11.2023 to 29.11.2023
		Training: International Hands on Training Modelling Nitrogen Management in Different Cropping System in Changing Climate	20.05.2024 to 22.05.2024
36	Dr. Muhammad Naveed, Associate Professor, Inst. of Soil and Environmental Sciences	Training Workshop on Community Action for Disaster Response	11.12.2023. to 13.12.2023
		2-day Seminar/Workshop entitled "Ecological adaption of Salt-Tolerant Crop Species to Utilize Saline Water to Sustain Crop Production in Salt-Affected Soils"	26.02.2024 to 27.02.2024
37	Prof. Dr. Muhammad Anwar-ul-Haq, Inst. of Soil and Environmental Sciences	2-day Seminar/Workshop entitled "Ecological adaption of Salt-Tolerant Crop Species to Utilize Saline Water to Sustain Crop Production in Salt-Affected Soils"	26.02.2024 to 27.02.2024
38	Dr. Al-Hafiza Shafia Tehseen Gull, Associate Professor, Department of Pathology	Enhancing Learner-Centered Pedagogical skills Asynchronous Course Moodle course organized by AWB/USF-Virtual	12.02.2024 to 23.02.2024
39	Dr. Al-Hafiza Shafia Tehseen Gull, Associate Professor, Department of Pathology	International Workshop on Treatment of Poultry Diarrhea with Environment-Friendly Natural Substances: An Innovation and Cost-effective Solution for Gizzard Ulceration Induced by Mycotoxins and Bacillus Cereus in Pakistan, at Faculty of Veterinary Science, UAF	20.02.2024

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40	Dr. Muhammad Imran Arshad, Associate Professor, Institute of Microbiology	Training on Biosafety, Bio risk Management and Responsible Science, CAS, UAF	09.10.2023
		ANSO-PAS-MAAP Conference 2023, Pathogen Transmission Beyond Borders (PAS) Islamabad	16.10.2023 to 18.10.2023
		One Day Sino-Pak Workshop on Control of Major Livestock Disease. FVS, UAF	17.11.2023
		Three Day Capacity Building Training on Early Childhood Development, UAF	06.12.2023 to 08.12.2023
		International Workshop on Peri-Urban Land use Change and Food Security organized by CAS, AFS, UAF	26.01.2024 to 30.01.2024
		International Symposium on Nano- Biotechnology and Microbiology for Sustainable Future (ISNB-2024) at GC University Faisalabad	28.02.2024 to 29.02.2024
		One Day Seminar on one Health in Context of Working Equines organized by CMS, FVS and The Brooke Hospital for Animal.	11.03.2024
		Professional Capacity Building Training of Agriculture Officers at UAF	03.04.2024 to 04.04.2024
		International Hands-on Training on CRISPR/ CAS mediated Genome Editing, organized by CAS-D-8 Research Centre, UAF	06.05.2024 to 11.05.2024
International Biodiversity and Biosafety Conference at CAS-D-8 Research Centre, UAF	27.05.2024 to 29.05.2024		
41	Dr. Mashkoor Mohsin, Associate Professor, Institute of Microbiology	International Symposium on Emergence of Extensive Antimicrobial Resistance, Current Status and Future Prospects. National Institute for Biotechnology and Genetics Engineering, Faisalabad.	18.04.2024
		International Seminar on "Molecular and Agro-Ecological Interventions for Sustainable Peri-Urban Agriculture, UAF	01.02.2024 to 02.02.2024
		14th Biennial International Biennial Conference 2023, Pakistan Society for Microbiology, Salim Habib University, Karachi	22.11.2024 to 24.11.2024
		TOT Workshop Action to Support Implementation of Codec AMR Text, FAO, Pakistan	23.10.2023 to 25.10.2023

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
42	Dr. Nayab Batool, Assistant Professor, Institute of Microbiology	Biosafety, Bio-risk Management & Responsible Science, Faisalabad	09.10.2023
		Transcriptome Data Analysis, Unraveling the Secrets of Gene Expression	13.10.2023
		Breast Cancer Awareness	18.10.2023
		Presentation, Season III Emerging Scientist Conference, Faisalabad	16.02.2024 to 17.02.2024
		ISNB 2024, International Symposium on Nano-biology, International	28.02.2024 to 29.02.2024
43	Prof. Dr. Ahmad Sattar Khan Institute of Horticultural Sciences	International Workshop on "Making Quality Count: Working Together from Farm to Consumer for Next Season Kinnow Season", College of Agriculture, University of Sargodha under ACIAR HORT/2020/129 Citrus Value Chain Project	11.09. 2023
		Annual chrysanthemum & Autumn Flower Show 2023, Faculty of Agri., IHS, UAF.	12.12.2023 to 14.12.2023
		Virtual Meeting on Chinese and National Project Collaborators to Share Germ Plasm Information and Further Strengthen the Collaborations under PARS-Funded Project No.20-36	13 12 2023
		Unlocking the Potential of Urban Horticulture in Pakistan	05.12.2023 to 16.12.2023
		Citrus Growers Workshop, Chak No. 332, Jakhra, Tehsil Pir Mehal, Toba Teck Singh, ORIC, UAF	21.01.2024
		8th International Horticulture Conference & Exhibition 2024, Islamia University, Bahawalpur,	26.02.2024 to 28.02.2024
		Landscape & Flower Expo, 2024, IHS, Faculty of Agri., UAF.	05.03.2024 to 07.03.2024
		Farmer Day "Sustainable Nitrogen Management", Institute of Soil and Environmental Sciences, Faculty of Agri., UAF.	08.03.2024
		Training workshop for flower growers and stakeholder of South Punjab regions at Tibba Sultan Pur, Melsi (Vehari), Faculty of Agri., IHS, UAF.	10.03.2024
		International Day of Forests, Department of Forestry, Faculty of Agri., UAF.	21.03.2024
		'ACIAR HORT/2020/129 Project Mid-Term Review Meeting', Faculty of Agri., IHS, UAF.	21.04.2024 to 24.04.2024

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
		Orientation Session on Open and Distance Learning (ODL) Policy of HEC by Mr. Tanveer Ahmed, Consultant HEC, UAF	14.05.2024
		One Day Training Workshop on "Fruit Growers" at Mian Sons Fruit Farm, Chak 209 RB Akalgarh, Jaranwala Road, Faisalabad, Faculty of Agri., IHS, UAF	22.05.2024
		3 Days International Conference on Biodiversity and Biosafety (ICBB), UAF	27.05.2024 to 29.05.2024
		Awareness Building Workshop on 7th Agricultural Census-2024	5 06 2024
		Training workshop on Demonstration of vegetable Seed Production Technology to Stakeholders, Faculty of Agri., IHS, UAF	24.06.2024
44	Dr. Bilquees Fatima Associate Professor, Institute of Horticultural Sciences	Two Days Workshop on Molecular Biology in Forensic Science: From Sampling to Data Processing at CABB, UAF	04.10.2023 to 05.10.2023
		One week training of Wheat Campaign	07.10.2023 to 14.11.2023
		AWB/USF Academics Without Borders Universities Sans Frontiers/ Faisalabad	13.02.2024 to 24.02.2024
		International Conference on Emerging Technologies for Crop Improvement in Pakistan, Department of Plant Breeding and Genetics, UAF	19.02.2024 to 20.02.2024
		20th International Congress of Soil Science at PMAS- Arid Agriculture University Rawalpindi	20.02.2024 to 22.02.2024
		8th International Horticulture Conference & Exhibition 2024, Islamia University, Bahawalpur,	26.02.2024 to 28.02.2024
		National Citrus Conference on Challenges of Citrus Production, University of Sargodha	05.03.2024
		Landscape & Flower Expo, 2024, IHS, Faculty of Agri., UAF.	05.03.2024 to 07.03.2024
		Seminar on Breeding in Vegetable and Medicinal Crops for Germplasm Diversification and Sustainable Production at Institute of Horticultural Sciences, University of Agriculture, Faisalabad	07.03.2024
		Webinar on Lemons and Limes cultivation in Pakistan, Challenges and Opportunities by Pakistan Horticulture Development and Export Company	03.04.2024

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
		2nd International Congress on Soil, Plant and Environmental Health under Changing Climate at MNS University of Agriculture, Multan	16.04.2024 to 17.04.2024
		National Conference on Agricultural Innovations Towards Food Security: Challenges and Opportunities at MNS University of Agriculture, Multan	24.04.2024
		3 Days International Conference on Biodiversity and Biosafety (ICBB), UAF	27.05.2024 to 29.05.2024
		Training workshop on Demonstration of vegetable Seed Production Technology to Stakeholders, Faculty of Agri., IHS, UAF	24.06.2024
45	Dr. Muhammad Usman Associate Professor, Institute of Horticultural Sciences	Two Days Workshop on Molecular Biology in Forensic Science: From Sampling to Data Processing at CABB, UAF	04.10.2023 to 05.10.2023
		One week training of Wheat Campaign	07.11.2023 to 14.11.2023
		International Conference on Emerging Technologies for Crop Improvement in Pakistan, Department of Plant Breeding and Genetics, UAF	19.02.2024 to 20.02.2024
		20th International Congress of Soil Science at PMAS- Arid Agriculture University Rawalpindi	20.02.2024 to 22.02.2024
		8th International Horticulture Conference & Exhibition 2024, Islamia University, Bahawalpur,	26.02.2024 to 28.02.2024
		National Citrus Conference on Challenges of Citrus Production, University of Sargodha	05.03.2024
		Landscape & Flower Expo, 2024, IHS, Faculty of Agri., UAF.	05.03.2024 to 07.03.2024
		Seminar on Breeding in Vegetable and Medicinal Crops for Germplasm Diversification and Sustainable Production at Institute of Horticultural Sciences at UAF	07.03.2024
		Webinar on Lemons and Limes cultivation in Pakistan, Challenges and Opportunities by Pakistan Horticulture Development and Export Company	93.04.2024
		2nd International Congress on Soil, Plant and Environmental Health under Changing Climate at MNS University of Agriculture, Multan	16.04.2024 to 17.04.2024

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
		National Conference on Agricultural Innovations Towards Food Security: Challenges and Opportunities at MNS University of Agriculture, Multan	24.04.2024
		3 Days International Conference on Biodiversity and Biosafety (ICBB), UAF	27.05.2024 to 29.05.2024
		Training Workshop on Demonstration of vegetable Seed Production Technology to Stakeholders, Faculty of Agri., IHS, UAF	24.06.2024
46	Dr. Adnan Younis, Associate Professor, Institute of Horticultural Sciences	Unlocking the Potential of Urban Horticulture in Pakistan/ Faisalabad	05.12.2023 to 16.12.2023
		Knowledge Transfer and Demonstration of Floriculture Production and Landscape Gardening/ Faisalabad	05.03.2024 to 07.03.2024
47	Dr. Rashad Waseem Khan Qadri, Associate Professor, Institute of Horticultural Sciences	Training Workshop on Demonstration of vegetable Seed Production Technology to Stakeholders, Faculty of Agri., IHS, UAF	24.06.2024
		One day training workshop on 'Fruit Quality Improvement Through Pre and Postharvest Management for Papaya Growers	22.05.2024
		Kitchen Gardening: A Tool for Food Security & Healthy Lifestyle at NIFSAT UAF	07.05.2024 to 08.05.2024
48	Dr. Iftikhar Ahmad, Associate Professor, Institute of Horticultural Sciences	4th BRI Sino-Pakistan Agriculture Forum 2023, Faculty of Agri., IHS, UAF.	09.11.2023 to 10.11.2023
		Annual Chrysanthemum & Autumn Flower Show 2023, Faculty of Agri., IHS, UAF.	12.12.2024 to 14.12.2023
		8th International Horticulture Conference & Exhibition 2024, Islamia University, Bahawalpur	26.02.2024 to 28.02.2024
		Landscape & Flower Expo, 2024, IHS, Faculty of Agri., UAF.	05.03.2024 to 07.03.2024
		Outreach Field Day on "Modern Flower Seed Production & Handling Techniques at Farmer field, Khanewal	09.03.2024
		Pakistan Agriculture Coalition's Agri. Connections 2024 at Expo Center, Lahore	24.04.2024 to 27.04.2024
		Tabeer Makers Lab. Training at LUMS, Lahore	22.05.2024 to 24.05.2024
		Tabeer Governance and Management of Incubators Training at LUMS, Lahore	10.06.2024 to 13.06.2024

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49	Dr. Khurram Ziaf, Associate Professor, Institute of Horticultural Sciences	4th BRI Sino-Pakistan Agriculture Forum 2023, Faculty of Agri., IHS, UAF	09.11.2023 to 10.11.2023
		Virtual Seminar on germplasm diversification/Faisalabad	12.12.2023
		Organic Seed Production of Tomato and Onion	01.11.2023 to 02.11.2023
		8th International Horticulture Conference & Exhibition 2024, Islamia University, Bahawalpur	26.02.2024 to 28.02.2024
		Medicinal Plants Germplasm Diversification/ Faisalabad	03.07.2024
		Vegetable Seed Production: Challenges and Prospects	15.02.2024
		Training Workshop on Demonstration of vegetable Seed Production Technology to Stakeholders, Faculty of Agri., IHS, UAF	24.06.2024
		Annual Chrysanthemum & Autumn Flower Show 2023, Faculty of Agri., IHS, UAF.	12.12.2023 to 14.12.2023
		Landscape & Flower Expo, 2024, IHS, Faculty of Agri., UAF	05.03.2024 to 07.03.2024
		3 Days International Conference on Biodiversity and Biosafety (ICBB), UAF	27.05.2024 to 29.05.2024
		3rd Pakistan Seed Congress	28.04.2024to 30.04.2024
Training Workshop for NAEAC Program Evaluators	01.01.2024		
50	Dr. Raheel Anwar, Associate Professor, Institute of Horticultural Sciences	National Citrus Conference / Sargodha	05.03.2024
		Webinar on "Harvest and Post-Harvest Management of Chilies" / Virtual by PHDEC	18.01.2024
		Webinar on "Mango Orchard Management for High Yield and Good Quality" / Virtual by PHDEC	03.01.2024
		Webinar on "Dynamic Controlled Atmosphere storage: A Paradigm Shift in Postharvest Science" / Virtual by Horti. Forum, ISHS	03.04.2024
		8th International Horticulture Conference & Exhibition 2024, Islamia University, Bahawalpur	26.02.2024 to 28.02.2024
		Webinar on "Harvest and Post-Harvest Management of Citrus Fruits" / Virtual by PHDEC	14.12.2023

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		Webinar on "Effective Management of Mango Orchards During Dormancy" / Virtual by PHDEC	22.11.2023
		Webinar on "Exploring the Export Prospects and Opportunities of White Onions in the China" / Virtual by PHDEC	16.11. 2023
		Webinar on "Reducing the Post-Harvest Losses of Apples by Introducing Recommended Packaging, Sorting and Transportation / Virtual by PHDEC	05.10.2023
51	Dr. Muhammad Awais Ghani, Associate Professor, Institute of Horticultural Sciences	Annual Chrysanthemum & Autumn Flower Show 2023, Faculty of Agri., IHS, UAF	12.12.2023 to 14.12.2023
		2nd International Conference on Precision and sustainable Agriculture under Climate Change, Khwaja Fareed University of Engineering and Information Technology, Rahim Yar Khan	22.02.2024 to 23.02.2024
		International Workshop on Innovation and Sustainability In Urban Horticulture, UAF	13.122023 to 14.12.2023
		Landscape & Flower Expo, 2024, IHS, Faculty of Agri., UAF.	05.03.2024 to 07.03.2024
		Training workshop on Demonstration of vegetable Seed Production Technology to Stakeholders, Faculty of Agri., IHS, UAF	24.06.2024
		3rd Pakistan Seed Congress	28.04.2024 to 30.04.2024
52	Dr. Muhammad Muzammil Jahangir, Associate Professor, Institute of Horticultural Sciences	Third China-Pakistan Tropical Arid Non-wood Forest Science and Technology Exchange Conference Zhengzhou Henan, China Gwadar Port- Balochistan	26.11.2023 to 28.11.2023
		Project Review Workshop at UAF	20.11.2023
		Landscape & Flower Expo, 2024, IHS, Faculty of Agri., UAF.	05.03.2024 to 07.03.2024
		Kitchen Gardening: A Tool for Food Security & Healthy Lifestyle at NIFSAT UAF	07.05.2024 to 08.05.2024
		Training workshop on Demonstration of Vegetable Seed Production Technology to Stakeholders, Faculty of Agri., IHS, UAF	24.06.2024

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53	Dr. Muhammad Asif, Associate Professor, Institute of Horticultural Sciences	Training Workshop on Demonstration of Vegetable Seed Production Technology to Stakeholders, Faculty of Agri., IHS, UAF	24.06.2024
		Course was Completed on Enhancing Learner- Centered Pedagogical Skills	February, 2024
		International Conference on Emerging Technologies for Crop Improvement in Pakistan, Department of Plant Breeding and Genetics, UAF	19.02.2024 to 20.02.2024
		4th BRI Sino-Pakistan Agriculture Forum 2023, Faculty of Agri., IHS, UAF	09.11.2023 to 10.11.2023
		Election training of presiding officer/ Faisalabad	19.01.2024 to 20.01.2024
		8th International Horticulture Conference & Exhibition 2024, Islamia University, Bahawalpur,	26.02.2024 to 28.02.2024
		Training workshop on Demonstration of vegetable Seed Production Technology to Stakeholders, Faculty of Agriculture, IHS, UAF	24.06.2024
		Annual chrysanthemum & Autumn Flower Show 2023, Faculty of Agri., IHS, UAF.	12.12.2023 to 14.12.2023
		Landscape & Flower Expo, 2024, IHS, Faculty of Agri., UAF.	05.03.2024 to 07.03.2024
		3 Days International Conference on Biodiversity and Biosafety (ICBB), UAF	27.05.2024 to 29.05.2024
		National Workshop on Agriculture Census/ Faisalabad.	06.05.2024
		54	Dr. M. Irfan Ashraf, Assistant Professor, Institute of Horticultural Sciences
Training Workshop on Demonstration of Vegetable Seed Production Technology to Stakeholders, Faculty of Agri., IHS, UAF	24.06.2024		
Annual Chrysanthemum & Autumn Flower Show 2023, Faculty of Agri., IHS, UAF.	12.12.2023 to 14.12.2023		
Landscape & Flower Expo, 2024, IHS, Faculty of Agri., UAF.	05.03.2024 to 07.03.2024		
3 Days International Conference on Biodiversity and Biosafety (ICBB), UAF	27.05.2024 to 29.05.2024		
Awareness Building Workshop on 7th Agricultural Census-2024	05.06.2024		

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55	Dr. Ahsan Akram, Assistant Professor, Institute of Horticultural Sciences	4th BRI Sino-Pakistan Agriculture Forum 2023, Faculty of Agri., IHS, UAF.	09.11.2023 to 10.11.2023
		International Seminar on Integrated Management of Citrus Huanglangbing Disease: with Special Reference to Community Immunity at UOS, Sargodha	30.11.2023
		Annual chrysanthemum & Autumn Flower Show 2023, Faculty of Agri., IHS, UAF.	12.12.2023 to 14.12.2023
		International Workshop on Innovation & Sustainability in Urban Horticulture at NIC, UAF, Faisalabad	13.12.2023 to 14.12.2023
		Wiley Research Training on Improving Discoverability of your Research, Online	12.03.2024
		Training Workshop on Demonstration of Vegetable Seed Production Technology to Stakeholders, Faculty of Agri., IHS, UAF	24.06.2024
		4th BRI Sino-Pakistan Agriculture Forum 2023, Faculty of Agri., IHS, UAF.	09.11.2023 to 10.11.2023
56	Dr. Fareeha Shireen, Assistant Professor, Institute of Horticultural Sciences	International seminar on "Potential and Opportunities in Spate Irrigation"	25.01.2024
		International Workshop on "Peri-Urban Land Use Change and Food Security"	26.01.2024 to 30.01.2024
		8th International Horticulture Conference & Exhibition 2024, Islamia University, Bahawalpur,	26.02.2024 to 28.02.2024
		International Webinar on "Advances in Breeding, Orchard Management and Certification Programs for Sustainable Citrus Production in Italy"	11.03.2024
		One-week Hands on Training on "High Performance Liquid Chromatography"	04.09.2023 to 08.09.2023
		Annual chrysanthemum & Autumn Flower Show 2023, Faculty of Agri., IHS, UAF.	12.12.2023 to 14.12.2023
		Election training of presiding officer/ Faisalabad	19.01.2024 to 20.01.2024
		Landscape & Flower Expo, 2024, IHS, Faculty of Agri., UAF.	05.03.2024 to 07.03.2024
		Seminar on "Breeding in Vegetables and Medicinal Crops for Germplasm Diversification and Sustainable Production"	07.03.2024

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		Webinar on Lemons and Limes Cultivation in Pakistan, Challenges and Opportunities by Pakistan Horticulture Development and Export Company	03.04.2024
		Training Workshop on Demonstration of Vegetable Seed Production Technology to Stakeholders, Faculty of Agri., IHS, UAF	24.06.2024
		"Climate Change Youth Mobilization Symposium"	06.06.2024
57	Mr. Karim Yar Abbasi, Lecturer	4th BRI Sino-Pakistan Agriculture Forum 2023, Faculty of Agri., IHS, UAF.	09.11.2023 to 10.11.2023
	Dr. Mohsin Bashir Lecturer, Institute of Horticultural Sciences	Virtual Seminar on Germplasm Diversification, Faisalabad	12.12.2023
		Election Training of Presiding Officer, Faisalabad	19.01.2024 to 20.01.2024
		8th International Horticulture Conference & Exhibition 2024, Islamia University, Bahawalpur,	26.02.2024 to 28.02.2024
58		Medicinal Plants Germplasm Diversification, Faisalabad	03.07.2024
		Two-Day International Symposium on Medicinal Plants and Natural Products, Faisalabad	07.03.2024 to 08.03.2024
		Training Workshop on Demonstration of Vegetable Seed Production Technology to Stakeholders, Faculty of Agri., IHS, UAF	24.06.2024
		Annual Chrysanthemum & Autumn Flower Show 2023, Faculty of Agri., IHS, UAF.	12.12.2023 to 14.12.2023
		Landscape & Flower Expo, 2024, IHS, Faculty of Agri., UAF.	05.07.2024
		3 Days International Conference on Biodiversity and Biosafety (ICBB), UAF	27.05.2024 to 29.05.2024
		Awareness Building Workshop on 7th Agricultural Census-2024	05.06.2024
		Sustainable Conservation Practices for Medicinal and Aromatic Plants of Pakistan	29.05.2024
59	Dr. Abdus Samie, Lecturer, Inst. of Agri. & Resource Economics	International Workshop on Peri-Urban Land use Change and Food Security, CAS, UAF Joint Cornell University UAF Short Course on Dynamic Human Environment Games, CAS, UAF	26.01.2024 to 30.01.2024 29.01.2024 to 02.02.2024

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60	Dr. Waseem Abbas, Assistant Professor, Department of Entomology	Exploration of Good Research and Development Approach for Improvement of Agricultural Productivity in Pakistan, (KOICA)	15.07.2023 to 28.07.2023
61	Dr. Fahad Rasul, Associate Professor, Department of Agronomy	International Conference on "Sustainable Future Food Systems"	29.04.2024 to 30.04.2024
		International Workshop on "Peri Urban Land Use Change & Food Security"	26.01.2024 to 30.01.2024
62	Prof. Dr. Kashif Saleemi, Department of Pathology	International Workshop on Treatment of Poultry Diarrhea with Environment-Friendly Natural Substances: An Innovation and Cost-effective Solution for Gizzard Ulceration Induced by Mycotoxins and Bacillus Cereus in Pakistan, at Faculty of Veterinary Science, UAF	20.02.2024
	Dr. Aisha Khatoon, Assistant Professor, Department of Pathology		
	Dr. Muhammad Imran, Assistant Professor, Department of Pathology		
63	Dr. Al-Hafiza Shafia Tehseen Gull, Associate Professor, Department of Pathology	International Layer Quality Conference 2024 "Challenges in Layer Health, Nutrition, Production and Management"	18.04.2024
64	Prof. Dr. Kashif Saleemi, Department of Pathology	International Layer Quality Conference 2024 "Challenges in Layer Health, Nutrition, Production and Management"	18.04.2024
	Dr. Aisha Khatoon, Assistant Professor, Department of Pathology		
	Dr. Muhammad Imran, Assistant Professor, Department of Pathology		
65	Dr. Fahad Raheed, Associate Professor, Department of Forestry and Range Management	Keynote Speaker in a Capacity building Workshop on "Nature Based Solutions to Climate Change" at University of Sargodha	09.05.2024
		Farmers Training and Establishment of Model Agroforestry Plots at Bahawalpur	02.05.2024 to 03.05.2024
		Field Seminar on International Day of Forest at PROKA-II	21.03.2024
		Farmers Training and Establishment of Model Agroforestry Plots at Mandi Bahaudin	08.03.2024
		Farmers Training and Establishment of Model Agroforestry Plots at Samundri	04.10.2023

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66	Dr. Irfan Ahmad, Associate Professor, Department of Forestry & Range Management	International Conference on Biodiversity and Biosafety, UAF	27.05.2024 to 29.05.20254
		Seminar on International Day of Forests, UAF	21.03.2024
		Regenerative Production Landscape Collaborative, Islamabad	02.05.2024
		International Conference on Emerging Technologies for Crop Important in Pakistan, UAF	19.02.2024 to 20.02.2024
67	Dr. Khayyam Anjum, Lecturer, Department of Forestry & Range Management, UAF	“Natural Disaster and its Impact on Economic Growth”, Online Training by Pakistan Academy of Rural development, Peshawar	24.06.2024 to 26.06.2024
	Mr. Hafiz Masood Ahmad, Lecturer, Department of Forestry & Range Management		
68	Dr. Safdar Ali, Lecturer, Department of Plant Pathology	AWB, Academics without Borders, Universities Sans Frontiers, Enhancing Learner-centered Pedagogical skills	23.02.2024
		Wiley Research Training, Improving Discoverability of Your Research	12.03. 2024
		Wiley Research Training How to Publish Open Access in Wiley Journals	27.03.2024
69	Dr. Sajid Aleem Khan, Associate Professor, Department of Plant	2nd PPSACIAR Mentorship workshop, held by Pakistan Psychopathological Society and ACIAR at Islamia University, Bahawalpur	29.11.2023 to 30.11.2023
		NAHE PhD Supervisor Capacity Building Workshop	31.07.2023 to 04.08.2023
70	Dr. Huma Abbas, Lecturer, Department of Plant Pathology	International Conference on “Sustainable Agriculture and Food Security” A Nexus of Plant Pathogens, Climate Change and Water Challenges	26.11.2023 to 28.11.2023
		International Webinar on “Molecular Identification of Bacteria”	21.02.2024
		International Seminar on “Commercialization of Sesame and Explore Potential” held at AARI, Faisalabad	96.05.2024

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71	Dr. Nasir Ahmed, Associate Professor, Department of Plant Pathology	Training on (Sustainable Agriculture for Economics prosperity & Food Security) UAF	09.10.2023
		Workshop on (Flower & Landscape Expo (at UAF	05.07.2024
		International Workshop on Innovations & Sustainability in urban Horticulture	13.12.2023 to 14.12.2023
		Internationals Conference on Biodiversity and Biosafety (ICBB	27.05.2024 to 29.05.2024
		One day Seminar on "Quality Assurance in Teaching and Research" organized by UAF	26.06.2024
		8th International Conference of Pakistan Phytopathological Society Sustainable Agriculture & Food Security "A Nexus of Plant Pathogens, organized by the Islamia University of Bhawalpur	26.11.2023 to 28.11.2023
72	Dr. Amer Babib, Assistant Professor, Department of Plant Pathology	International Conference on Emerging Technologies for Crop Improvement in Pakistan	19.02.2024 to 20.02.2024
		International Conference on Biodiversity and Biosafety at UAF	27.05.2024 to 29.05.2024
		8th International Conference of Pakistan Phytopathological Society Sustainable Agriculture & Food Security "A Nexus of Plant Pathogens, Climate Change and Water Challenges" Bhawalpur	26.11.2023 to 28.11.2023
73	Dr. Tamsal Murtza, Assistant Professor, Department of Plant Pathology	International Conference on Biodiversity and Biosafety at UAF	27.05.2024 to 29.05.2024
74	Dr. Muhammad Atiq, Assistant Professor, Department of Plant Pathology	International Symposium on Nano Biology: Integrating Nanotechnology & Microbiology for Sustainable Future (ISNB2024)	28.02.2024 to 29.02.2024
		International Seminar on Integrated Management of Citrus Huanglangbing Disease: with Special Reference to Community Immunity, Sargodha	30.11.2023
		8th International Conference of Pakistan Phytopathological Society Sustainable Agriculture & Food Security "A Nexus of Plant Pathogens, Climate Change and Water Challenges" Bhawalpur	26.11.2023 to 28.11.2023
75	Dr. Waseem Abbas, Assistant Professor, Department of Entomology	Innovative Storage Technologies Organizer: International Seed Congress, UAF	01.05.2024 to 02.05.2024

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
76	Prof. Dr. Babar Shahbaz, Director, IAEE&RD Dr. Muhammad Iftikhar, Associate Professor, IAEE&RD Dr. Ijaz Ashraf, Associate Professor, IAEE&RD Dr. Ghazanfar Ali Khan, Associate Professor, IAEE&RD Dr. Shoukat Ali, Associate Professor, IAEE&RD Dr. Tahir Mahmood, Associate Professor, IAEE&RD Dr. R. M. Amir, Assistant Professor, IAEE&RD Dr. Aqeela Saghir, Assistant Professor, IAEE&RD Dr. M. Rafay Muzamil, Assistant Professor, IAEE&RD Dr. Rao Sabir Sattar, Assistant Professor, IAEE&RD Dr. Gulfam Hasan, Assistant Professor, IAEE&RD Dr. Syed M. Amir, Assistant Professor, IAEE&RD Mr. M. Khuhnood Ashraf, Lecturer, IAEE&RD Ms. Khazra Noor, Lecturer, IAEE&RD Ms. Saira Khanm, Lecturer, IAEE&RD	International Symposium: Transformative Education and Outcome Based Learning, at UAF	23.04.2024 to 24.04.2024
77	Prof. Dr. Babar Shahbaz, Director, IAEE&RD Dr. Muhammad Iftikhar, Associate Professor, IAEE&RD Dr. Ijaz Ashraf, Associate Professor, IAEE&RD Dr. Ghazanfar Ali Khan, Associate Professor, IAEE&RD Dr. Shoukat Ali, Associate Professor, IAEE&RD Dr. Aqeela Saghir, Assistant Professor, IAEE&RD Dr. M. Rafay Muzamil, Assistant Professor, IAEE&RD	Symposium on "Opportunities and Challenges in Journalism and Communication" in New Senate Hall, UAF	24.10.2023

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
78	Dr. Rao Sabir Sattar, Assistant Professor, IAEE&RD Dr. Gulfam Hasan, Assistant Professor, IAEE&RD	Symposium on "Opportunities and Challenges in Journalism and Communication" in New Senate Hall, UAF	24.10.2023
79	Prof. Dr. Babar Shahbaz, Director, IAEE&RD Dr. Aqeela Saghir, Assistant Professor, IAEE&RD Dr. Gulfam Hasan, Assistant Professor, IAEE&RD Dr. Syed M. Amir, Assistant Professor, IAEE&RD Ms. Khazra Noor, Lecturer, IAEE&RD Ms. Saira Khanm, Lecturer, IAEE&RD	Outreach activity "Training to Farm Families about their Innovative Role in Agricultural Activities" Chiniot	15.05.2024
80	Prof. Dr. Babar Shahbaz, Director, IAEE&RD Dr. Syeda Samina Tahira, Associate Professor, IAEE&RD Dr. Tahir Mahmood, Associate Professor, IAEE&RD Dr. Aqeela Saghir, Assistant Professor, IAEE&RD Mr. M. Khushnood Ashraf, Lecturer, IAEE&RD Ms. Khazra Noor, Lecturer, IAEE&RD Ms. Saira Khanm, Lecturer, IAEE&RD	Outreach activity "Awareness Practices to Cope Malnutrition for School Students" Faisalabad	16.05.2024
81	Prof. Dr. Babar Shahbaz, Director, IAEE&RD Dr. Aqeela Saghir, Assistant Professor, IAEE&RD Ms. Saira Khanm, Lecturer, IAEE&RD	An Educational Workshop on Food Safety Measures and Standards in Inst. of Agri. Extension, Education & Rural Development at UAF	12.06.2024
82	Ms. Khazra Noor, Lecturer, IAEE&RD	Online Training Course on "Natural Disaster and its Impact on Economic Growth" Organized by PARD, Peshawar Adorer's Masterclass on "Bridging the Gap between Agriculture Education and Farmers" organized by ICAR, India.	24.06.2024 to 26.06.2024 24.06.2024

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
83	Dr. Muhammad Tariq, Associate Professor, Sub-Campus Toba Tek Singh	International Conference on Biodiversity and Biosafety CAS, UAF	27.05.2024 to 29.05.2024
		Ensuring Urban Food Security by Regulating Agricultural Supply Chains and Discouraging Non-Agricultural Peri-Urban Areas of Mega Cities (The Capacity Building Workshop UAF and Pakistan Academy of Sciences (PAS) under ANSO China, Funding	26.01.2024 to 30.01.2024
84	Prof. Dr. Zia-ur-Rehman, Principal, Sub-Campus T.T Singh Dr. Muhammad Farooq Khalid, Assoc. Prof., Sub-Campus T.T Singh Dr. Muhammad Tariq, Assoc. Prof., Sub-Campus T.T Singh Dr. Riaz Mustafa, Assoc. Prof., Sub-Campus T.T Singh Dr. Umer Farooq, Assoc. Prof., Sub-Campus T.T Singh Dr. Maliha Sarfraz, Assist. Prof., Sub-Campus T.T Singh Mr. Muhammad Auon, Lecturer, Sub-Campus T.T Singh Mr. Wasif Shafique, Lecturer, Sub-Campus T.T Singh Mr. Muhammad Usman, Lecturer, Sub-Campus T.T Singh Mr. Muhammad Ashraf, Lecturer, Sub-Campus T.T Singh Mr. Umair Mehmood, Lecturer, Sub-Campus T.T Singh	Capacity Building of UAF Library Staff: Basic Skills (Faisalabad)	20.02.2024 to 21.02.2024
		Citrus Grower Workshop in Toba	27.02.2024
		Exploring the impact of Entrepreneurial Skill on Business Expansion in T.T. Singh	
		Latest data Analysis Tools for the Students of Mathematics and Statistics at T.T.Sing	07.12.2023
		E-commerce Management in Lahore	05.07.2023 to 31.10.2023
		Poultry Expo IPEX-2923	21.09.2023 to 23.09.2023
		Pakistan Agriculture Coalition Agri. Connections 2024 in Lahore	24.04.2024 to 25.04.2024
		General Election Training in Toba	19.01.2024 to 20.01.2024
		Exploring Emerging Poultry Issues & Research in Toba	29.11.2024
		Therapeutic Diet Exhibition and Computation in TT Sing	16.10.2023
		Breast Cancer Awareness Seminar	05.12.2023
		Driving Challenge: Promoting Responsible Road Behavior Through Traffic Rules Awareness	11.12.2023
		85	Dr. Shakeel Imran, Assistant Professor, UAF Sub Campus Burewala
Enhancing Learning Centered Pedagogical Skills (online Training at UAF	12.02.2024 to 26.02.2024		
Quality Assurance in Teaching and Research QEC, in UAF	20.06.2024		

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
86	Dr. Engr. Muhammad Tuseef Asghar, Lecturer, UAF Sub Campus Burewala	Subang 41213, West Java, Indonesia (Key note Speaker)	20.09.2023
		Conference at Kumart	03.08.2023 to 05.08.2023
		PMNC conference	07.03.2024
		IFNRC Conference	06.03.2024 to 07.03.2024
		PHDEC Webinar	23.04.2024
87	Dr. Sohail Akhtar, Assistant Professor, UAF Sub Campus Burewala	Alexus of Plant Pathogens, Climate Change and Water Challenges 8th International Conference of Pakistan Phytopathological Society, Department of Plant Pathology at the Islamia University of Bahawalpur	26.11.2023 to 28.11.2023
		Wheat Diseases and Resistance Strategies, Perspectives to address UAF Sub Campus Burewala and CAAS, China (Webinar	31`.12.2023
88	Dr. Muhammad Shaban, Lecturer, UAF Sub Campus Burewala	Hands on Training on Genome Editing and Protein Purification, PCSIR in Lahore	11.05.2024
89	Dr. Rana Muhammad Saleem, Assistant Professor, UAF Sub Campus Burewala	HEC Smart Class Room Project Training Air University ISD	15.08.2023 to 18.08.2023
		Enhancing Learner-centered Pedagogical Skills, (Online UAF)	13.02.2024 to 23.02.2024
		International Conference on Artificial Intelligence and Emerging Technologies MNSUAM., Multan	29.11.2023 to 30.11.2023
90	Dr. Sadaf Shakoor, Assistant Professor & Food Science, UAF Sub Campus Burewala	8th Multidisciplinary Student Research International Conference, University of Wah	06.12.2023 to 07.12.2023
		2nd PKNC Conference on Food, Nutrition and Public Health Food and Nutrition Security Through Innovation Towards a Sustainable Future, Pak-Korea Nutrition Centre and Institute of Food Science and Technology, Sindh Agriculture University Tandojam, Sindh.	20.02.2024 to 21.02.2024
		2nd Global Science Technology and Management Conference, GSTMC-24 Layyah University of Layyah and Evolution.	06.05.2024 to 07.05.2024

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
91	Dr. Ashir Masroor, UAF Sub-Campus Burewala, Vehari	Wheat Diseases and Resistance Strategies Perspectives to address (Webinar)	31.12.2023
		Anexus of Plant Pathogens, Climate Change and Water Challenges, Islamia University Bahawalpur	26.11.2023 to 28.11.2023
		"International Education Expo 2023, Season- II", UAF Sub-Campus Burewala	12.12.2023 to 16.12.2023
92	Dr. Sadaf Shakoor, Assistant Professor and Food Sciences, UAF Sub-Campus Burewala, Vehari	International Conference on Food and Applied Sciences (ICFAS-2023), Shaheed Benzir Bhutto University Sheringal (Dir) KPK and Evolution.	03.08.2023 to 05.08.2023
		International Conference on Science & Technology ICST-23, Thal University Bhakkar & Evolution (Pakistan) In Collaboration	09.11.2023 to 10.11.2023
		2nd International Food and Nutrition Research Conference: Challenges and Opportunities in Food, Nutrition and Allied Sciences, Institute of Food Science and Nutrition, University of Sargodha.	06.03.2024 to 07.03.2024
93	Dr. Sohail Akhtar, Assistant Professor, UAF Sub- Campus Burewala, Vehari	"International Education Expo 2023, Season- II", UAF Sub-Campus Burewala, Vehari	12.12.2023 to 16.12.2023
94	Mr. Farooq Hassan Office of the Directorate ORIC	Expo Lahore	24.04.2024 to 25.04.2024
		National Science Mela 2024	29.04.2024
95	Dr. Tahir Munir Butt, Associate Professor, (Agri. Ext.), UAF Sub-Campus Depalpur, Okara	2nd International Conference on Recent Innovations in Plant Sciences and Natural Products at Department of Botany, University of Okara,	15.02.2024 to 16.02.2024
		One day webinar on Mathematical Modelling by using Mathematics and Matlab organized by UAF Sub-Campus Depalpur, Okara	22.12.2023
		Nature-based solution for disaster and Climate Resilience organized by United Nations Environment Program	01.07.2023
		Training on "Integrated Pest Management" organized by Commonwealth of Learning, Canada and AagMOOCs	11.07.2023 to 15.0-9.2023
		One Day Seminar on World Food Safety Day Organized by UAF Sub-Campus Depalpur, Okara	07.06.2024

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
		One Day Seminar on Earth Day organized by Sub-Campus Depalpur	22.04.2024
		One Day Outreach Activity on Promoting Gender Equitable Opportunities	22.12.2023
		World Soil Day Celebration (WSD) with theme, "Soil and Water: A Source	15.12.2023
		Two Days Workshop on Gender Based Violence Organized by Al-Nisa	01.02.2024 to 02.02.2024
		The Role of Community in Poverty Reduction organized by Outreach Programs in collaboration with Face, Al-Nisa and Muskan Welfare organization in FDO in Okara	23.04.2024
		A one day Workshop on "Leadership in Disruptive & VUCA Drive Era of Industry 4.0" organized by Sub-Campus Depalpur, Okara	07.05.2024
		Seminar on Students Understanding of the Relationship between Psychology and Success, organized by Sub-Campus Depalpur, Okara	24.04.2024
		One day Webinar on Harvesting & Post Harvest Management Techniques of Apple, Organized by Pakistan Horticulture Development & Export Company, Pakistan	26.03.2024
		One day Seminar on International Women's Day with slogan, Inspire Inclusion, Invest in Women, Accelerate progress.	08.03.2024
		How to Write a Winning Proposal, Collaborative Research Model, Consultancy Services	01.03.2024
		Outreach Program entitled "Promotion Gender Equitable Opportunities in Agriculture Value Chain, Depalpur, Okara	26.02.2024 to 27.02.2024
		One Day Workshop on Maximizing Chances of Publication, Data Handling, Manuscript write up and Graph/Figure Preparation,	08.07.2023
		One Day Workshop on Water Users Perspective on future Water Allocation in Okara	19.12.2023
		Harvest and Post-Harvest Management of Citrus Fruits	14.12.2023
		Seminar cum Farmer's Day on Sustainable Nitrogen Management for Soil and Water Quality,"	07.12.2023

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
		One day Seminar on Sustainable Use of Fertilizer for Improved Crop Productivity and Environmental Quality	05.12.2023
		Seminar on "She Feeds World(SFtW)	29.11.2023
		One Day Awareness/Interactive information session on high risk of Chronic Stress in Youth,	28.11.2023
		Effective Management Techniques of Mango Orchards during Dormancy	22.11.2023
		Lecture on CSS/PMS Competitive Examination to Students	21.11.2023
		One Day Seminar on World Fisheries Day, at Sub-Campus Deparlpur, Okara	21.11.2023
		One day Capacity Building Workshop on Outcome-Based Education (OBE) and Blended Learning	25.10.2023
		One Day Webinar on, "Climate Resilient Agriculture, Strategies and Prospectus	24.10.2023
		One Day Seminar on " The Role of Community in Poverty Reduction"	17.10.2023
		Maximizing Chances of Publications, Data Handling, Manuscript, Write-up and Graph/ figures preparation	13.07.2023
		Gender Role in Food Security Challenges and Way Forward	03.05.2023
		Training Awareness Session on "Inclusive Voter Participation"	21.02.2023
		Gender Equality and Social Inclusion in Integrated Water Resources Management	15.02.2024 to 16.02.2024
		Capacity Building Trainings on Application of GPS Data collecting Tools and RS/GIS Mapping and Gender equality and Social inclusion	
96	Dr. Tariq Aziz, Associate Professor (Soil Sciences), UAF, Sub-Campus Depalpur, Okara	Two days Hands on Training on Meta and Biometric Analysis in Research	08.07.2024
		"Zero Draft of UNEA-6 Resolution on Sustainable Nitrogen Management and Roadmap for SNM" in collaboration with Ministry of Climate Change & Environmental Coordination, SANH, INI, and UAF at Marriot Hotel, Islamabad	22.09.2023
		Consultative Workshop in South Asia Roadmap to Sustainable Nitrogen	08.05.2024 to 09.05.2024

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
		Global Earth Day Seminar "Planet Vs Plastics" Jointly organized by UAF and Environment Department Okara	22.04.2024
		World Soil Day Seminar "Sustainable Use Fertilizers for improved soil	07.12.2023
97	Dr. Sana Rashid, Assistant Professor, UAF Sub- Campus Depalpur, Okara	Online Workshop on Enhancing Learner- Centered Pedagogical Skills	February 2024
		Online Workshop on "Instructional Skills"	June 2024
98	Dr. Mazhar Hussain Ranjha, Lecturer, UAF Sub-Campus Depalpur, Okara	Online Workshop on Enhancing Learner- Centered Pedagogical Skills/Academic Without Borders (Online)	06.02.2024 to 23.06.2024
		4th International Conference on Bee Pollination and Conservation on Occasion of World Bee Day 2024 (Online)	10.06.2024
99	Dr. Tariq Mustafa, Associate Professor, UAF Sub- Campus Depalpur, Okara	One Day Workshop on Maximizing Chances of Publication, Data Handling, Manuscript Write Up and Graph/Figure Preparation,	13.07.2023
		International Webinar on Mathematical Modeling with Mathematica and Matlab	22.12.2023
		Enhancing Learning Centered Pedagogical Skills (Online Training at UAF)	12.02.2024 to 26.02.2024
		4th International Conference on Bee Pollination and Conservation on Occasion of World Bee Day 2024 (Online)	10.06.2024
		Water Users Perspectives on Future Water Allocation in Okara	19.12.2023
		Two Days Workshop on Application of Statistical Techniques in Agriculture	18.10.2023 to 19.10.2023
		Farmer Day, An Event, the Cotton Farmer Field Day	13.10.2023
		Capacity Building Workshop on Outcome based Education	25.10.2023
		One Day Training Workshop on Rearing Techniques for Lissorotus	27.10.2023
		Lecture on CSS/PMS Competitive Examination to Students	21.11.2023
		One Day Capacity Building Workshop to Enhance Research Portfolio	01.03.2024
		One Day Seminar on Earth Day	22.04.2024
		International Women's Day	08.04.2024

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
100	Dr. Adnan Mukhtar, Assistant Professor, UAF Sub- Campus Depalpur, Okara	Potato Festival and Exhibition, Sahiwal	27.01.2024
		Spring Festival: Food Street and Nutrition Mela	04.03.2024 to 08.03,2024
		World Food Safety Day Seminar and Awareness Walk	07.06.2024
101	Dr. Amina Ayub, Assistant Professor, UAF Sub- Campus Depalpur, Okara	Seminar Potato Festival and Exhibition, Sahiwal	27.01.2024
		World Soil Day Seminar "Sustainable Use of Fertilizers for Improved Soil and air Quality", UAF Sub Campus Depalpur, Okara	07.12.2023
		World Fisheries Day Seminar	21.11.2023
		Two Day Training Workshop organized by Punjab Higher Education	08.05.2024 to 09.05.2024
102	Dr. Parveen, Assistant Professor, UAF Sub- Campus Depalpur, Okara	World Soil Day Seminar "Sustainable Use of Fertilizers for Improved Soil	07.12.2023
		Potato Festival and Exhibition, Sahiwal	27.01.2024
		World Fisheries Day	21.11.2023
103	Dr. Sana Rashid, Assistant Professor, UAF Sub- Campus Depalpur, Okara	Training on "Fundamentals of Using Smart PLS 4.0", Lahore	14.11.2023 to 16.11.2023
		Seminar on "High Risk Chronic Stress in Youth, Okara	28.11.2023
		Workshop on "Water Perspectives on Future Water Allocation in Okara	19.12.2023
		Seminar on "The Role of Universities in Promoting the Entrepreneurial	30.04.2024
		Workshop on "Leadership in Disruptive & VUCA Driven ERA of Industry	07.05.2024
104	Dr. Khalid Naveed, Associate Professor (Plant Pathology), UAF Sub-Campus Depalpur, Okara	The Role of Community in poverty Reduction and Promoting Gender Equitable Opportunities in Agricultural Value Chains, Hveli Lakha	25.02.2024
		World Fisheries Day	21.11.2023
		One Day Training Workshop on Rearing Techniques for <i>Listronotus setosipennis</i> (Stem Boring Weevil in Pakistan for Managing Parthenium Weed	28.10.2023
		One Day Workshop on "Leadership in Disruptive & VUCA Driven ERA of Industry	07.05.2024
		One Day Seminar on Earth Day UAF Sub- Campus Depalpur, Okara,	22.04.2024

SN	Name Designation & Department/ Institution	Training Program and Country	Date of Commence- ment/ Period
105	Dr. Sidra Iqbal, Assistant Professor, UAF Sub- Campus Depalpur, Okara	Digital creator seminar	12.09.2023
		Global View of Soybean Commercialization and Innovation	09.05.2024
		Applications of Fourth Generation Sequencing and Optical mapping	10.05.2024
		Innovative Approaches to Enhance Crop Resilience in Pakistan's Changing Climate	17.05.2024
		Professional Writing and Skill Enhancement	16.05.2024
106	Dr. Shoaib-ur-Rehman, Assistant Professor, UAF Sub- Campus Depalpur, Okara	Spring Festival 2024 Display of Flowers and Potato Varieties and Challenges in Potato Production Systems	04.03.2024

Awards for Meritorious Services in Teaching and Research

SN	Name, Designation and Department	Type of Award
1	Dr. Saddam Hussain, Assistant Professor, Department of Agronomy, UAF	PAS Gold Medal & Prize Salimuzzaman Siddiqui Prize in Applied Science and Technology for Scientists under 40 in Agricultural Sciences, Pakistan
2	Dr. Muhammad Tehseen Azhar, Associate Professor, Department of Plant Breeding and Genetics, UAF	ICRA-ASIA Young Scientist Innovation Medal-2023, Best Editorial Board Member Award 2023 from Journal of Cotton Research. Washington DC USA
3	Dr. Muhammad Sana Ullah, Associate Professor, Institute of Soil & Environmental Sciences	AVH-Award for three-month satay in Germany 2024
4	Dr. Muhammad Tariq, Associate Professor, Sub-Campus Toba Tek Singh	Industry – Academia Linkage Research Fellowship, R-R ITHALAT IHR, VE PAZ A.S. Turkey and the Faculty of Agriculture, Sakarya University of Applied Sciences, Turkey

BASIC ENROLLMENT

Basic Enrolment (Fresh + Regular)

SN	Degree / Certificate	Total Enrolment
1	Degree Programs of Faisalabad Campus	13324
2	Degree Programs of Sub-Campus	11035
Total		24359

Gender Wise and Degree Wise Total Enrolment at Undergraduate Level

SN	Degree / Certificate	Male	Female	Total
Main Campus				
1	BSc (Hons.) Agriculture	3078	1223	4301
2	BSc (Hons.) Environmental Science	70	144	214
3	BS Forestry	46	46	92
4	BSc Agri. Engineering	200	35	235
5	BSc Energy Systems Engineering	62	47	109
6	BSc Environmental Engineering	32	25	57
7	BSc Food Engineering	66	41	107
8	BSc Textile Engineering Technology	75	41	116
9	BS Animal Science	232	82	314
10	BS Dairy Science	68	46	114
11	BSc (Hons.) Poultry Science	12	03	15
12	BSc (Hons.) Food Science & Technology	252	366	618
13	BSc (Hons.) Home Economics	---	217	217
14	BSc (Hons.) Human Nutrition & Dietetics	54	605	659
15	Bachelor of Fine Arts	02	27	29
16	BS Bioinformatics	137	162	299
17	BS Computer Science	288	343	631
18	BS Information Technology	283	254	537
19	BS Software Engineering	208	233	441
20	BSc (Hons.) Agri. & Resource Economics	107	95	202
21	BBA	370	246	616
22	BBA(Agribusiness)	38	03	41
23	BS Commerce	129	103	232
24	BS Economics	56	202	258
25	BS Education	56	202	258
26	BS Sociology	35	103	138
27	Doctor of Veterinary Medicine (DVM)	651	190	841
28	Doctor of Pharmacy (Pharm.D)	116	136	252

SN	Degree / Certificate	Male	Female	Total
29	BSc (Hons.) Microbiology	93	279	372
30	BEd	168	841	1009
Total (A)		6984	6340	13324

UAF PARS Campus

31	BS Biochemistry	76	453	529
32	BS Botany	64	327	391
33	BS Chemistry	170	418	588
34	BS English (Language & Literature)	57	186	243
35	BS Mathematics	92	250	342
36	BS Physics	190	264	454
37	BS Statistics	24	33	57
38	BS Zoology	95	345	440
39	BS Computer Science	96	76	172
40	BS Software Engineering	34	24	58
Total (B)		898	2376	3274

Sub-Campus (Toba Tek Singh)

41	BS Poultry Science	176	03	179
42	BS Computer Science	520	333	853
43	BS Chemistry	85	250	335
44	BS Zoology	33	244	277
45	BBA	94	42	136
46	BS Animal Science	31	04	35
47	BS Information Technology	202	97	299
48	BS Biochemistry	14	41	55
49	BS Botany	03	25	28
50	BS Physics	22	48	70
51	BS Mathematics	17	58	75
52	BS English (Language & Literature)	37	94	131
53	BSc (Hons.) Human Nutrition & Dietetics	49	286	335
54	B.Ed.	16	103	119
Total (C)		1299	1628	2927

Sub-Campus (Burewala)

55	BSc (Hons.) Agriculture	365	80	445
56	BS Computer Science	291	278	569
57	BBA (Agribusiness)	156	66	222
58	BBA	87	56	143
59	BS Chemistry	54	276	330
60	BS Botany	06	103	109
61	BS Zoology	26	232	258
62	BS Mathematics	42	149	191

SN	Degree / Certificate	Male	Female	Total
63	BS Physics	31	66	97
64	BS Information Technology	168	124	292
65	BSc (Hons.) Food Science & Technology	75	199	274
66	BS English (Language & Literature)	27	171	198
67	B.Ed.	18	81	99
Total (D)		1346	1881	3227
Sub-Campus (Depalpur)				
68	BSc (Hons.) Agriculture	461	82	543
69	BS Chemistry	43	139	182
70	BS Zoology	07	80	87
71	BS Physics	27	20	47
72	BS Mathematics	26	51	77
73	BS Computer Science	305	115	420
74	BS Sociology	05	16	21
75	BSc (Hons.) Food Science & Technology	17	27	44
76	BS Information Technology	52	38	90
77	B.Ed.	25	71	96
Total (E)		968	639	1607
Grand Total (A+B+C+D+E)		11495	12864	24359

Faculty Wise Enrollment Summary of Post Graduate Students for Winter Semester 2023-2024 (Old + New)

Faculty of Agriculture

SN	Subject	MSc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Agronomy	173	19	25	12	229
2	Entomology	137	22	5	4	168
3	Horticulture	99	41	21	6	167
4	Plant Breeding & Genetics	87	73	28	12	200
5	Plant Pathology	79	59	24	16	178
6	Forestry	22	5	7	3	37
7	Soil Science	63	39	20	18	140
8	Envirnmental Science	24	80	5	18	127
9	Agri. Biotechnology	6	6	0	0	12
10	Biotechnology	48	71	11	22	152
11	Seed Science & Technology	23	5	3	3	34
12	Climate Change	2	7	0	0	9
Total		763	427	149	114	1453

Faculty of Social Sciences

SN	Subject	MSc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Agri. Economics	14	10	7	5	36
2	Rural Development	1	2	0	0	3
3	Envirnmental & Recource Economics	0	2	0	0	2
4	Agri. Extension	32	10	9	1	52
5	Agri. Business	6	9	6	3	24
6	Economics	0	0	5	15	20
7	Rural Sociology	1	4	6	16	27
Total		54	37	33	40	164

Faculty of Agri Engineering & Technology

SN	Subject	MSc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Water Resorce Engineering	4	0	1	1	6
2	Agri. Engineering	34	7	12	5	58
3	Food Engineering	7	4	0	0	11
4	Energy System Engineering	10	2	3	0	15
5	Environmental Engineering	12	0	0	0	12
6	Textile Technology	6	8	0	0	14
Total		73	21	16	6	116

Faculty of Animal Husbandry

SN	Subject	MSc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Animal Nutrition	56	8	1	1	66
2	Animal Breeding & Genetics	8	1	1	4	14
3	Poultry Science	9	0	2	0	11
4	Livestock Management	17	4	3	1	25
Total		90	13	7	6	116

Faculty of Food, Nutrition & Home Sciences

SN	Subject	MSc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Food Technology	41	93	14	20	168
2	Dairy Technology	11	13	0	0	24
3	Food Safety & Quality Management	28	76	0	0	104

4	Food Service Management	6	7	0	0	13
5	Human Nutrition & Dietetics	19	167	9	45	240
6	Home Economics (Food & Nutrition)	0	82	0	0	65
7	Clothing & Textile	0	34	0	0	34
8	Home Economics (Human Development & Family Study)	0	18	0	0	18
Total		105	490	23	65	683

Faculty of Veterinary Science

SN	Subject	MSc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Microbiology	37	58	7	18	120
2	Pathology	20	8	3	12	43
3	Pharmacology	7	29	8	7	51
4	Physiology	6	20	4	3	33
5	Parasitology	9	9	6	4	28
6	Anatomy	3	2	0	0	5
7	CMS	31	7	8	2	48
8	Theriogenology	21	6	7	0	34
9	Epidemiology & Public Health	9	31	0	0	40
Total		143	170	43	46	402

Faculty of Sciences

SN	Subject	MSc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Chemistry	44	179	6	31	260
2	Biochemistry	12	126	13	39	190
3	Botany	26	189	10	47	272
4	Zoology	28	182	1	13	224
5	Statistics	8	50	8	2	68
6	Physics	34	141	20	17	212
7	Mathematics	34	136	0	0	170
8	Computer Science	0	0	16	6	22
Total		186	1003	74	155	1418

Sub-Campus Cummunity College PARS (Morning)

SN	Subject	MSc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Botany	27	101	0	0	128
2	Chemistry	44	148	0	0	192
3	Physics	26	53	0	0	79
4	Zoology	26	71	0	0	97
Total		123	373			496

Evening/Weekend College Program

SN	Subject	MSc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Envirnmental Science (Evening)	0	0	0	0	0
2	Biotechnology	9	13	0	0	22
3	Human Nutrition and Dietetics	17	135	0	0	152
4	Food Technology	44	73	0	0	117
5	Microbiology (Evening)	4	12	0	0	16
6	Botany (Evening)	30	243	0	0	273
7	Chemistry (Evening)	35	138	0	0	173
8	Biochemistry (Evening)	23	120	0	0	143
9	Computer Science (Evening)	29	102	0	0	131
10	MS Software Engineering	37	73	0	0	110
11	Physics (Evening)	50	114	0	0	164
12	Zoology (Evening)	28	177	0	0	205
13	Mathematics	49	127	0	0	176
14	MBA 2 Years	32	37	0	0	69
15	MBA (Executive)	90	42	0	0	132
16	MS Markeeting	4	8	0	0	12
17	MS Finance	12	27	0	0	39
18	Economics	20	68	0	0	88
19	Sociology (Evening+Weekend)	50	42	0	0	92
20	Education	163	210	0	0	373
Total		726	1761	0		2487

UAF PARS Campus (Evening)

SN	Subject	MSc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Botany	17	87	0	0	104
2	Chemistry	24	95	0	0	119
3	Physics	7	20	0	0	27
4	Zoology	8	45	0	0	53
Total		56	247			303

Sub-Campus Depalpur/Okara

SN	Subject	MSc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Mathematics	4	1	0	0	5
2	Agri. Extension	5	2	0	0	7
3	Entomology	19	0	0	0	19
4	Agronomy	17	0	0	0	17
5	Plant Breeding and Genetics	11	2	0	0	13
6	Plant Pathology	8	3	0	0	11
7	Soil Science	9	3	0	0	12
8	Horticulture	5	1	0	0	6
9	Zoology	78	5	0	0	5
Total		78	17			95

Sub-Campus Burewala

SN	Subject	M.Sc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Computer Science	6	10	0	0	16
2	Entomology	8	2	0	0	10
3	Agronomy	20	2	0	0	22
4	Horticulture	4	1	0	0	5
5	Plant Pathology	5	3	0	0	8
6	Soil Science	9	12	0	0	21
7	Food Technology	0	7	0	0	7
Total		52	37			89

Sub-Campus T.T. Singh

SN	Subject	MSc (Hons.)/ MPhil		PhD		Total
		Male	Female	Male	Female	
1	Computer Science	16	23	0	0	39
2	Animal Nutrition	23	0	0	0	23
3	Poultry Science	8	1	4	0	13
4	Chemistry	9	68	0	0	77
5	Zoology	6	27	0	0	33
Total (E)		62	119	4	0	185
Total (A)		1537	2534	345	432	4848
Total (B)		788	2008	0	0	2796
Total (C)		78	5	0	0	83
Total (D)		52	37	0	0	89
Total (E)		62	119	4	0	185
Grand Total		2517	4703	349	432	8001



UNIVERSITY BUILDING ECONOMIES

Internship Program (UAF) 2023-2024

Internships play a pivotal role in shaping an individual's professional journey by providing a bridge between academic learning and real-world application. The office of research, innovation and commercialization (ORIC) UAF makes utmost efforts to capacitate and inculcate best of the best practices in the outgoing graduates to enable them to serve the community in a better way. Universities/degree awarding Institutes are the knowledge economies which directly and indirectly contribute to elevate the economic status of the country. During the reporting year (2023-24), following students from different organizations/universities/institutes were placed at university of Agriculture Faisalabad.

SN	Name of the Student	University/ Institute/ College	Duration	Placement
1.	Ms. Amna Zulqernain	Riphah International University	July 2023 to August 2023	Faculty of Vet. Science
2.	Ms. Pauline Loeffler, (German National)	University of Giessen Germany	July 2023 to August 2023	Inst. of Microbiology
3.	Alina Zahoor Ahmad D/o Zahoor Ahmad Marina Baber D/o M Baber Ali Sunaha D/o M Aziz Khan	Vocational Training Institute, Dhobi Ghat, Faisalabad	July 2023 to August 2023	Deptt. of Computer Science
4.	Ms. Areej Islam	Khwaja Fareed University of Engineering & Information Technology, Rahim Yar Khan	July 2023 to August 2023	CABB
5.	Misbah Bashir Tuba Saeed Maria Shabir Momina Ishtiaq Rukhsana Kausar Lubna Shahzadi Afshan Sohail Tasleem Akbar Rubab Zahra Faisal Saleh	University of Sargodha	June 2023 to August 2023	Dept. of Library
6.	Robab Sohail	Islamia University Bahawalpur, Bahawalnagar Campus	June 2023 to July 2023	CABB
7.	Mr. Hassan Nawaz	UAF	June 2023 to August 2023	Central Hi-Tech Lab. UAF

SN	Name of the Student	University/ Institute/ College	Duration	Placement
8.	Asma Safdar Saman Bano Areeba Mehmood Fiza Ijaz	GCWU Faisalabad	June 2023 to July 2023	Inst. of Home Sciences
9.	Muhammad Abdullah	Govt. Technical Training Institute Faisalabad	June 2023 to July 2023	ITRCDB, UAF
10.	Mouter shahid Kanwal Akmal Hafsa Nawal Arooba shahnaz Anusha Mukhtar	MNS-UAM	March 2023 June 2023	CAS AFS, UAF
11.	Hafiza Eesha Ameen Aqsa Safdar Maryam Kamran	MNS-UAM	June 2023 to July 2023	CAS AFS, UAF
12.	Amina Shahzadi Khadija Naz Azka Sania Sharif	AIOU, Islamabad	June 2023 to July 2023	Deptt of Library
13.	Muhammad Muneeb Muhammad Zeeshan Amjad Sadam Hussain Rizwan Hassan Ali Touseef Abbas	Vocational Training Institute, Dhobi Ghat, Faisalabad,	August 2023 to September 2023	ITRCDB
14.	Muhammad Ashraf	AIOU, Islamabad	January 2023 to March 2023	Main Library, UAF
15.	Mr. Hassan Nawaz	UAF	June 2023 to July 2023	Central Hi-Tech Lab
16.	Ms. Amna Zulqernain	Riphah International University	June 2023 to July 2023	Faculty of Veterinary Sciences
17.	Muhammad Ahmad Sarwar Mehwish Shebr Asma Tehreem	AIOU, Islamabad	January 2023 to Feb 2023	Main Library, UAF
18.	Astishna Zulfiqar D/o Zulfiqar Masih Rimsha Zulfiqar S/o Zulfiqar Masih	Vocational Training Institute, Dhobi Ghat, Faisalabad	July-2023 to August-2023	Department of Computer Sciences
19.	Sabahat Hameed	Vocational Training Institute, Dhobi Ghat, Faisalabad	July 2023 to September 2023	Department of Computer Sciences
20.	Muhammad Latif	AIOU, Islamabad	August 2023 to September 2023	Main Library, UAF

SN	Name of the Student	University/ Institute/ College	Duration	Placement
21.	Mr. Fawad Hassan	COMSATS University Lahore	July 2023 to September 2023	CAS UAF
22.	Ms. Aqsa Habib	Khwaja Fareed University of Eng. & IT, Rahim Yar Khan	August 2023 to September 2023	Institute of Microbiology UAF
23.	Ms. Sheeza Aslam	NUST, Islamabad	August 2023 to September 2023	ITRCDB, UAF
24.	Lubna Ishtiaq Sohail Ahmad Akbar Ali Zahra Faisal Hayat	University of Sargodha	Feb 2024 to April 2024	Main Library, UAF



UNIVERSITY BUILDING COMMUNITIES

University-Community Interaction Central Hi-Tech Laboratory at UAF

1. Number of Students/Project/Private Organizations Entertained

Quarter	MPhil	PhD	Projects	Private Organizations
1-7-2023 to 30-9-2023	44	6	9	09
1-10-2023 to 31-12-2023	40	13	1	9
1-1-2024 to 31-3-2024	19	06	Nil	6
1-4-2024 to 30-6-2024	53	6	4	11
Total	156	31	14	35

2. Income Generated (Sample Analysis/Trainings)

Quarter	No of sample	Income Generated
01-07-2023 to 30-09-2023	SEM=09 GC=05 UV-Vis Spectrophotometer= 40 Osmometer= 07 pH/EC meter= 12 Proximate Analysis= 02 Total = 1194	166550
01-10-2023 to 31-12-2023	SEM=37 GC=30 UV-Vis Spectrophotometer= 19 Refractometer= 24 pH/EC meter= 01 Proximate Analysis=27 Total= 1054	238750
01-01-2024 to 31-03-2024	SEM=03 GC=03 UV-Vis Spectrophotometer= 67 Refractometer= 25 pH/EC meter= 08 Proximate Analysis= 03 Total = 457	142650
01-04-2024 to 30-06-2024	SEM=35 GC=12 Sonicater=07 UV-Vis Spectrophotometer= 105 Osmometer= 01 Total = 1029	290500
Zeta Sizer 01-07-23 to 30-06-2024	154	95200
Income generated through Trainings	249	507,000
Total	4137	1440650

3. Series of Hands-on Training

SN	Training Description	Resource Person	No. of Trainees
1	High Performance Liquid Chromatograph (HPLC)	Dr. Razia Riaz	85
2	Atomic Absorption Spectroscopy (AAS)	Dr. Abdul Qudoos	30
3	Zeta Sizer, Spectrophotometer	Syed Fazil Bin Farukh	21
4	Scanning Electron Microscope (SEM)	Syed Fazil Bin Farukh	26
5	Gas Chromatograph	Syed Fazil Bin Farukh	32
6	Proximate Analysis	Syed Fazil Bin Farukh Amina Ameen Memoona Nazir, Ararat	15
7	General Laboratory Equipment	Syed Fazil Bin Farukh Amina Ameen Memoona Nazir Ararat, Palwisha Kainat	40
Total			249

UAF Students	= 218
UAF Faculty Members	= 03
G.C University, Faisalabad	= 23
University of Education, Faisalabad	= 03
Riphah International University, Faisalabad	= 01
University of Veterinary and Animal Sciences, Lahore	= 01

4. Sample Analysis Facility Provided to Other Universities (FY 2023-2024)

1. Khawaja Fareed University of Engineering and Information Technology, Rahim Yar Khan
2. GC Women University Faisalabad
3. Times Institute Multan
4. University of Sargodha
5. The University of the Punjab, Lahore
6. GC University, Faisalabad
7. University of Education, Lahore
8. NFC Lahore.
9. Punjab University College of Pharmacy, Lahore
10. Lahore College for Women University, Lahore
11. RIPHAH University Faisalabad
12. University of Jhang.
13. Karakorm International University
14. University of Faisalabad

5. Services provided other departments/institutes

Under the directions of Vice Chancellor & Dean of Sciences, CHTL staff visited the PBI, April 2024. During this visit at the PBI we have successfully done the following jobs.

1. Technically assisted the PBI to install the electricity infrastructure in the Central Laboratory
2. Put the following equipment in order installed in the different labs.

Equipment	Working Status	Action
Gas Chromatograph	Functional	Gas cylinders, column and cables were reconnected. After equipment service, methanol was tested as the solvent and the results were submitted to the PBI Lab In-Charge. Procurement of the standards and reagents was recommended.
HPLC	Functional	Isocratic HPLC was divergent of it's accessories like column, drain pipes and solvent/mobile phase. After sorting out the issues, the equipment was made functional. Recommendation: Standards and reagents should be purchased for sample analysis.
Vacuum Drying Oven	Functional	Comprehensive hands-on training on the operation and maintenance of the equipment was imparted to the designated operator.
Digital Drying Oven, Furnace, Autoclave, Weight Balance, Centrifuge machine, Soxhlet Apparatus and Spectrophotometer	Functional	The operational procedure was practically demonstrated to the designated operators.
EC Meter	Functional	The meter was successfully installed, and a practical demonstration of its operation and maintenance was provided to the designated operator.
Flame Photometer	Functional	The flame photometer was serviced, and a practical demonstration of standard preparation and analysis for sodium (Na) and potassium (K) was performed.

6. Practical Demonstration on Installed Instruments to Students of Different Departments

SN	Department/Institute	Instrumentation	No. of Students
1	Department of Biochemistry, UAF	HPLC, GC, SEM and AAS	MPhil/PhD (n-65)
2	Department of Physics, UAF	HPLC, GC and AAS	MPhil (n-39)
3	Department of Biochemistry, UAF	HPLC, GC and AAS	MPhil (n-43)
4	Department of Agronomy, UAF	HPLC and GC	BSc (Hons.) (n-45)
5	Department of Physics, UAF	HPLC, GC, SEM and AAS	MPhil (n-50)
6	Department of Plant Breeding and Genetics, UAF	HPLC, GC, AAS, SEM and General Equipment	BSc (Hons.) (n-32)
7	CABB, UAF	HPLC and GC	BSc (Hons.) (n-78)
8	Department of Chemistry, UAF	HPLC, GC, AAS, SEM and General Equipment	MPhil/PhD (n-100)
9	Institute of Horticultural Sciences, UAF	General Equipment	BSc (Hons.) (n-30)
10	Department of Agronomy, UAF	HPLC and GC	MSc (Hons.) (n-14)
11	Institute of Soil and Environmental Sciences, UAF	HPLC, GC, AAS, SEM and XRD	MSc (Hons.) (n-60)
Total			556

HPLC = High Performance Liquid Chromatography; GC = Gas Chromatography
AAS = Atomic Absorption Spectrometry; SEM = Scanning Electron Microscope

Seminar/Webinars/Trainings Organized by ORIC-Engro Learning Center

SN	Title	Date	No. of Participants	Dept. Involved
1	Technical Session on Soybean: Prospects and Future Aspects	16-08-2023	60	PBG
2	Awareness Session on Electrical Safety During Rainy Season in ollaboration with FESCO Faisalabad	05-09-2023	40	School kids, Illeterate labor class females, PBG
3	One Week Training Session for Students on "Nutrition Management with Special Reference to Nutrient Deficient Plots on Autumn maize" - Long term trial	23-10-2023	200	PBG, Agronomy, ISES, Entomology
4	An Awareness Seminar was Organized to Celebrate World Soil Day	03-12-2023	60	Directorate of farms, Agronomy
5	Workshop on First Aid and Fire Fighting in collaboration with Government Rescue Department 1122	13-12-2023	100	ISES
6	Knowledge Sharing Workshop on Hi-Tech Agriculture R&D	15-12-2023	65	ORIC-UAF and ELC
7	Engro Muhafiz- Fire Safety Training to recognize Hazards and Prioritize Safety in Daily Routine	31-01-2024	50	PBG
8	Nutrition Awareness Seminar & Screening Camp to Highlight Importance of Pulses on World Pulses Day.	20-02-2024	70	National Inst. of Food Science & Technology
9	Capacity Building of Faculty at UAF Sub campus Depalpur, (Okara): Project Management, Patenting, Collaborative Research Models, Consultancy Services, Student & Faculty Start ups	20-02-2024	32	Constituent College Depalpur, Okara
10	The Entrepreneurial Mindset	22-02-2024	63	ORIC, BIC and SDG Academy
11	Capacity Building of Faculty at UAF Sub Campus Burewala (Vehari): Project Management, Pa-enting, Collaborative Research Models, Consultancy Services, Student & Faculty Start ups	26-02-2024	36	Constituent College Depalpur, Burewala, Vehari
12	Climate Smart Agriculture Research in Pakistan	28-02-2024	70	ADB, ORIC-UAF

SN	Title	Date	No. of Participants	Dept. Involved
13	Capacity Building of Faculty at UAF Sub campus T.T. Singh: Project Management, Patenting, Collaborative Research Models, Consultancy Services, Student & Faculty Start ups	29-02-2024	16	ORIC and Constituent College TT Singh
14	Interactive Session/Farmer Day at Sukkhke, Hafizabad: Regenerative Agriculture to Strategize Good Agricultural Practices (GAP)	07-03-2024	37	ORIC-UAF
15	Dialogue Issues and Opportunities in Sugarcane Production	08-03-2024	60	Agronomy
16	Engro Muhafiz-Defensive Driving Training Session to Foster a Culture of Safety, Responsibility, and Competence among Young Drivers.	26-03-2024	70	Senior tutor office
17	Awareness session- Stay Healthy While Fasting to Provide Tips on Maintaining Health and Well-being during Fasting Periods.	02-04-2024	76	Researchers, Students, Faculty members
18	Awareness session- Promoting Sustainable Sugarcane Production among Small Holder Farmers in Pakistan	22-04-2024	60	Agronomy
19	A Session on "SECP Registration for Startups"	22-04-2024	40	ORIC, BIC and SECP
20	Blood Group Testing Drive in collaboration with Blood Donor Society, Senior Tutor Office UAF	25-04-2024	400	Senior tutor office
21	Engro Muhafiz- Burn Injuries Prevention and Management	2-05-2024	70	Senior tutor office
22	A meeting with UNICEF Pakistan on Exploring Mutual Collaborations	29-05-2024	16	ORIC, BIC and UNICEF
23	Understanding on Used Trends of P-fertilizer - Training	11-07-2024	50	ISES, UAF
Total			1741	

COMMERCIALIZATION AT UAF

INTELLECTUAL PROPERTY RIGHTS PROTECTION THROUGH PATENTS

PATENTS SUBMITTED

SN	UAF Researcher	Department	Patent No.	Title of Patent in Process
1.	Dr. Muhammad Adnan Iqbal	Department of Chemistry	533/2023	Development of Economical Photo Reactor Box for Photocatalysis
2.	Dr. Jam Nazeer Ahmad	Department of Entomology	586/ 2023	A Novel Spodoptera Frugi-perda Associated Nucleo-polyhedro Viruses (SfNPV) based (FAWKILL) for Sustainable Management
3.	Dr. Jam Nazeer Ahmad	Department of Entomology	590/2023	Innovation Real Time Chamber Beekeeping Technology for Safe and Healthy Honey Production
4.	Dr. Yasir Javed	Department of Physics	769/2023	A Novel Process for the preparation of Organo-Hybrid Hydrogel (OHH)
5.	Dr. Assad Farooq and Dr. Mu-hammad Awais	Department of Fiber and textile Technology	2023	A Novel Process for Making the Bast Fibers Spinnable in Blending with Seed Fibers
6.	Dr. Assad Farooq and Dr. Mu-hammad Awais	Department of Fiber and textile Technology	955/2023	Novel Method for Producing Hemp Fibers from Hemp: Cotton Blended Denim Jeans
7.	Dr. Muhammad Rizwan Tab-basum	Punjab Bio Energy Institute (PBI)	05/2024	A Novel Fully Automated Biomethanator (CSTR) for Anaerobic Digestion of Biowaste for Renewable Gas Production
8.	Dr. Ahmad Waqas	Water Management Research Center	2024	Development of Bed Planter for Raising Direct Seeded Rice and Wheat
9.	Dr. Ahmad Waqas	Water Management Research Center	113/2024	Development of Minimum Tillage Maize Planting Machine
10.	Dr. Nadeem Akbar	Water Management Research Center	138/2024	Resource Efficient Climate Smart Technology for Rice- Wheat Cropping System of Pakistan
11.	Dr. Jam Nazeer Ahmad	Department of Entomology	256/2024	HelicoCide: A Novel Helicoverpa Armigera Associated Nucleopolyhedro Viruses (NaNPV) based Biopesticide for the Management of Helicoverpa Armigera
12.	Dr. Muhammad Umair Sial	Department of Entomology	255/2024	EnxtoEpoxyfy: An ultimate Epoxy Resin Cocktail for Life ILike Insect Conservation

SN	UAF Researcher	Department	Patent No.	Title of Patent in Process
13.	Dr. Aisha Khatoon	Department of Pathology	369/2024	Innovative Chitosan Based Nanocomposite Formulation for the Control of Afla-toxicosis in Poultry
14.	Dr. Raja Adil Sarfraz	Department of Chemistry	TM-1	Herbal Tea for Medicinal Purpose, Medicinal Purpose
15.	Dr. Zubair Aslam	Department of Agronomy	TM-1	Fertilizer/Composts; Biological and Bacterial Preparation for use in Industry and Science

PATENT REGISTERED

SN	UAF Researcher	Designation/ Deptt	Patent No.	Title of Patent in Process
1.	Dr. Assad Farooq	Associate Professor/ Fiber and Textile Technology	144012	An Artificial Neural Network Based Shade Change Prediction System
2.	Dr. Faqir Muhammad	IPPP	144069	Novel Process for Rapid Detection of Sulfonamide Residues in Dairy Milk
3.	Dr. Sibtain Ahmad, Assistant Professor	Institute of Animal and Dairy Sciences	144059	Polyherbal-Mineral Vitamin- Based Supplement Formulation for the Enhancement of Growth Performance and Immunity in Poultry
4.	Dr. Saba Jamil & Dr. Shanza Rauf Khan	Assistant Professor/ Lecturer/ Chemistry	US 10882029 B1	Graphemes Oxide and Cobalt Tin Oxide Nano-composite and Method of Use
5.	Dr. Saba Jamil & Dr. Shanza Rauf Khan	Assistant Professor/ Lecturer/ Chemistry	US 11548655 B2	Cobalt Hydroxystannate Nanocube Fuel Additive
6.	Dr. Saba Jamil & Dr. Shanza Rauf Khan	Assistant Professor/ Lecturer/ Chemistry	US 11628423 B2	Method for Making Meso-Porous Magnesium Hydroxide Nano-Plates, an Antibacterial Composition and a Method of Reducing Nitro Aromatic Compound
7.	Dr. Saba Jamil & Dr. Shanza Rauf Khan	Assistant Professor/ Lecturer/ Chemistry	US 10808193 B2	Morphologically Controlled Synthesis of Ferric Oxide Nano/Micro Particles
8.	Prof. Dr. Imran Pasha	NIFSAT	576790	Flour and Preparation Made from Cereals (Flour for Food & Flour Milling Products)
9.	Prof. Dr. Imran Pasha	NIFSAT	574062	Mineral and Aerated Waters
10.	Dr. Aysha Sameen	NIFSAT	583194	Cheese, (Egg, Milk and Mik Products)

Varieties Approved/Submitted for Approval

APPROVED

SN	Name of Researcher(s)/ Department	Name of Crop	Name of Variety	Current status/Approval date
1.	Prof. Dr. Zulfiqar Ali, Department of Plant Breeding & Genetic	WVD-1216 Wheat	Chenab Pasta-24	12-07-2024
2.	Dr. Irfan Afzal, Associate Professor, Department of Agronomy	QUINOA	QUINOA (UAF QS)	12-07-2024
3.	Dr. Irfan Afzal, Associate Professor, Department of Agronomy	QUINOA	QUINOA (UAF Q-29)	12-07-2024
4.	Dr. Iftikhar Ahmad, Dr. Khuram Ziaf, Inst. Hort. Sciences	Flower	Rosa Centifolia UAF	Approved in the 56th meeting of Punjab Seed Council held on 24-03-2023
5.	Dr. Amir Shakeel, Dr. Asif Saeed, Dr. Azeem Iqbal, Khan, Dr. Tariq Manzoor Khan, Dr. Asif Ali, Dr. Khuram Ziaf, PBG	Okra-3A	Okra Advance Line (P-21)	Approved in the 56th meeting of Punjab Seed Council held on 24-03-2023
6.	Dr. Irfan Afzal, Associate Professor, Department of Agronomy	Chia	Chia-UA	Approved in the 56th meeting of Punjab Seed Council held on 24-03- 2023
7.	Dr. Muhammad Aslam, Plant Breeding and Genetics	Maize	Maize hybrid (PB-ProA-2017)	Approved in the 10th meeting of Variety Evaluation Committee (VEC) 13-12-2021
8.	Prof. Dr. Shahzad Maqsood Ahmad Basra, Agronomy	Quinoa	UAF-Q7	Approved for general cultivation in the 52nd meeting of Punjab Seed Council held on 14-10- 2019
9.	Prof. Dr. Hafeez Ahmad Sadaqat, Dr. Farooq Ahmad Khan, PBG	Brassica	UAF-11	Approved for general cultivation in the 52nd meeting of Punjab Seed Council held on 14-10-2019
10.	Dr. Iftikhar Ahmad, Dr. Khuram Ziaf, Inst. Hort. Sciences	Flower	Golden Princes and Golden Beauty (Gul- e-Ashrafi)	Provisionally Approved (At final stage of the approval from Punjab Seed Council)

VARIETY REGISTRATION CASES (SUBMITTED/UNDER PROCESS)

SN	Name of Researcher(s)/Department	Name of Crop	Name of Variety	Current status
1.	Dr. Iftikhar Ahmad Khan, Dr. Faqir M. Azhar, Dr. Hafeez A. Sadaqat, Dr. Asif Ali, Dr. Tanvir A Malik, Dr. Tariq Manzoor Khan, Dr. Azeem Iqbal Khan, Dr. Amir Shakeel, Dr. Masooma Naseer Cheema and Dr. M Tahseen Azhar, PBG	Cotton	PB-896	Under process
2.	Dr. Zulfiqar Ali, Dr. Abdus Salam Khan, Dr. M. Kashif, Dr. Akram Khan and Mr. Ahsan Kareem, Plant Breeding & Genetics	Wheat	WV-1038	Under process
3.	Dr. Muhammad Tahseen Azhar, PBG	Cotton	PB-93 (Bt)	Under process
4.	Dr. M. Ahsan Iqbal, PBG	Sunflower	Sunflower hybrid (HZFA-4)	Under process
5.	Dr. Muhammad Kashif, Department of PBG	Wheat	Advance line 10136 an elite line	Under process
6.	Prof. Dr. Iqrar Ahmad Khan (SI, TI) Dr. Ahmad Sattar Khan, Institute of Hort. Sciences, UAF	Mango	Mango Accession MLT-239	Under process
7.	Prof. Dr. Iqrar Ahmad Khan (SI, TI) Dr. Ahmad Sattar Khan, Institute of Hort. Sciences, UAF	Mango	Golden Chaunsa MLT-658	Under process
8.	Prof. Dr. Iqrar Ahmad Khan (SI, TI) Dr. Ahmad Sattar Khan, Institute of Hort. Sciences, UAF	Mango	Faisal wala RYK-644	Under process
9.	Prof. Dr. Iqrar Ahmad Khan (SI, TI) Dr. Ahmad Sattar Khan, Institute of Hort. Sciences, UAF	Mango	Azeem Chaunsa RYK-265	Under process
10.	Prof. Dr. Iqrar Ahmad Khan (SI, TI) Dr. Ahmad Sattar Khan, Institute of Hort. Sciences, UAF	Mango	Shan-e-All KHW-250	Under process
11.	Prof. Dr. Iqrar Ahmad Khan (SI, TI) Dr. Ahmad Sattar Khan, Institute of Hort. Sciences, UAF	Mango	New Dusheri MLT-369	Under process
12.	Prof. Dr. Iqrar Ahmad Khan (SI, TI) Dr. Ahmad Sattar Khan, Institute of Hort. Sciences, UAF	Mango	New Rotole MLT-248	Under process
13.	Prof. Dr. Iqrar Ahmad Khan (SI, TI) Dr. Ahmad Sattar Khan, Institute of Hort. Sciences, UAF	Mango	Gul-e-Samar KHW-251	Under process

SN	Name of Researcher(s)/Department	Name of Crop	Name of Variety	Current status
14.	Prof. Dr. Iqrar Ahmad Khan (SI, TI) Dr. Ahmad Sattar Khan, Institute of Hort. Sciences, UAF	Mango	Nayyab Chaunsa KYR-426	Under process
15.	Dr. Muhammad Aslam, Associate Professor, Plant Breeding and Genetics	(2) Maize	PB-POP-1302 and PB-Sweet-9151	Under process
16.	Dr. Rizwana Maqbool, Associate Professor, Plant Breeding and Genetics/CAS	(9) Wheat Line	UAF- EHY 2301,2,4,5,6, 7,13,14 & UAF-WV-1343)	Under Process
17.	Dr. Amir Bibi, Associate Professor, Plant Breeding and Genetics	(5) Oat Lines	UAF- Oat Lines (1-5)	Under Process
18.	Dr. Zaheer Ahmad, Associate Prof. Department of Plant Breeding & Genetics	(30) Soybean Elite Lines	UAF-SOY- (05, 10, 14, 20,53,71,74,77,80,8 8,125,171,172,196,2 11,213,231,252,258, 264,301,317,353,35 6,513,563,586,657,7 16,876	Under Process
19.	Dr. Zaheer Ahmad, Associate Prof. Department of Plant Breeding & Genetics	(8) Soybean Elite Lines	UAF-SOY-05,74, 125, 171,196, 258,353,356)	Under Process
20.	Dr. Zaheer Ahmad, Associate Prof. Department of Plant Breeding & Genetics	(2) Soybean Elite Lines	UAF-SOY-1 & 2)	Under Process
21.	Dr. Muhammad Tehseen Azhar, Associate Professor, PBG	Cotton Seed	Cotton Seed (PB- 131) for Dus Trials	Under process
22.	Dr. Irfan Afzal, Associate Professor, Agronomy	Quinoa	UAF-QIA	Under process
23.	Prof. Dr. Bushra Sadia, Director, CABB, UAF	(05) promis- ing sorghum accessions	(CABB Sweet, CABB Juicy, CABB Silage-1, CABB Silage-2, CABB Fodder)	Under process
24.	Dr. Faisal Saeed Awan, Associate Professor, CABB	(03) elite lines	Rice (CABB-1, CABB- 2, CABB-3)	Under process
25.	Dr. Nadeem Akbar, Director, WMRC	(03) elite lines	Rice (UAF Rice-1, UAF Rice-2, UAF Rice-3)	Under process
26.	Dr. Raheela Rehman, Assistant Professor, PBG	UAF (03) Promising three wheat elite line	PBG-W4, PBG-W7, PBG-W9,	Under process
27.	Dr. Rizwana Maqbool, Associate Professor, Plant Breeding and Genetics/CAS	(05) UAF Wheat Line	UAF- 2312-IHY, UAF- 2404-IHY, UAF- 2408-IHY, UAF- 2409 and UAF- 2430-EHY,	Under Process

SN	Name of Researcher(s)/Department	Name of Crop	Name of Variety	Current status
28.	Dr. Khuram Ziaf, Associate Pro-fessor, IHS	Iceberg lettuce line	IHS-IB-24	Under Process
29.	Prof. Dr. Amir Shakeel, PBG	Hot pepper Hybrid	AH-624 F1	Under Process

NBC LICENSE (FOR GMOs/ TRANSGENIC RESEARCH) PROCESSED

SN	Case Title	Group/Lab	Principal Investigator
1.	Conduct Knocking down LEA-1 gene in date palm by CRISPR-CAS9 Genome Editing	Transformation	Dr. Iqrar Ahmad Rana
2.	Harnessing CRISPR-Cas Mediated Knockout of E1/E1LB Genes to Generate Photoperiod Insensitivity in Soybean (<i>Glycine max L.</i>)	Soybean Bio-technology	Prof. Dr. Zaheer Ahmad
3.	Developing Disease Resistance in Shisham via CRISPR cas9 Genome Editing	Transformation	Dr. Iqrar Ahmad Rana
4.	CRISPR/Cas9 Mediated Editing of SELF-PRUNING (SP) and CAPRICE (CPC) Genes in Cotton to Improve Plant Architecture	Cotton Bio-technology	Prof. Dr. Sultan Habibullah Khan
5.	Chickpea Genome Manipulation to Develop Herbicide Tolerance	Chickpea Biotechnology	Dr. Rana Muhammad Atif
6.	RNAi based Silencing of P450 Monooxygenase CYP6AE14 and CYP6B6 Genes in Insects to Control Cotton Bollworms	Cotton Biotechnology	Prof. Dr. Sultan Habibullah Khan
7.	Develop Banana Bunchy Top Virus (BBTV) Resistant Plants through CRISPR/Cas9-based Editing of Replication Protein Gene of Banana Bunchy Top Virus.	Transformation	Dr. Iqrar Ahmad Rana
8.	CRISPR Mediated Downregulation of GoPGF (Pigment Gland Formation) Gene in Cottonseed.	Cotton Biotechnology	Prof. Dr. Sultan Habibullah Khan
9.	Develop canker-Resistant Plants through CRISPR/Cas9-Based Editing of the Susceptibility Gene CsLOB1 Promoter in Citrus.	Transformation	Dr. Iqrar Ahmad Rana
10.	CRISPR-Cas9 Based Genome Editing to Enhance the Salinity Tolerance in Soybean (<i>Glycine max L.</i>)	Soybean Biotechnology	Prof. Dr. Zaheer Ahmad
11.	CRISPR/Cas Based Genome Editing to Develop and regulate the Nodulation in Soybean (<i>Glycine max L.</i>)	Soybean Biotechnology	Prof. Dr. Zaheer Ahmad
12.	Characterization of Soybean Mosaic Virus (SMV) Homeologs and CRISPR- Cas9 Mediated Genome Editing Enhance the Viral Resistance in <i>Glycine max L.</i>	Soybean Biotechnology	Prof. Dr. Zaheer Ahmad

SN	Case Title	Group/Lab	Principal Investigator
13.	To Conduct Genome Editing of Host Susceptibility Factors to Engineer Resistance Against Cotton Leaf Curl Gemini viruses.	Cotton Biotechnology	Prof. Dr. Sultan Habibullah Khan
14.	CRISPR-Cas9 Editing to Knockout Negative Regulating Gene of Heat Tolerance in Soybean (<i>Glycine max L.</i>)	Soybean Biotechnology	Prof. Dr. Zaheer Ahmad
15.	To Conduct Engineering broad Spectrum Disease Resistance in Abiotic Stress Tolerant Elite Tomato Line	Tree Pathology	Dr. Zunaira Afzal
16.	Multiplex Gene Editing of IPK1A, IPK1 and MRP4 Genes in Maize.	Cotton Biotechnology	Dr. Aftab Ahmad
17.	Characterization of 1000 grain Weight Genes and their Homeologues, and CRISPR/Cas9 Mediated Genome Editing to Increase Yield in <i>Triticum aestivum L.</i>	Wheat Biotechnology	Dr. Rizwana Maqbool
18.	Characterization of Male Sterility Genes and their Homeologues and CRISPR/Cas9 Mediated Genome Editing to Increase Yield in <i>Triticum aestivum L.</i>	Wheat Biotechnology	Dr. Rizwana Maqbool
19.	Enhancing Floret Fertility by Manipulating Grain Number Increase-1 Gene in Wheat (<i>Triticum aestivum L.</i>) through CRISPR-CAS Mediated Gene Knockout	Wheat Biotechnology	Dr. Rizwana Maqbool
20.	To conduct CRISPR/Cas9 Mediated Genome Editing to Lower the Erucic Acid Content in <i>Brassica rapa</i>	Wheat Biotechnology	Dr. Rizwana Maqbool
21.	Characterization of Resistance Starch Genes and their Homeologues and CRISPR/Cas9 Mediated Genome Editing to Increase Quality of Starch in <i>Triticum aestivum L.</i>	Wheat Biotechnology	Dr. Rizwana Maqbool
22.	Characterization of 1000 Grain Weight Genes and their Homologues, and CRISPR/Cas9 Mediated Genome Editing to Increase Yield in <i>Triticum aestivum L.</i>	Wheat Biotechnology	Dr. Rizwana Maqbool
23.	Genetic Improvement of Wheat (<i>Triticum aestivum L.</i>) Lines for Better Iron Content through Genome Editing Tools.	Wheat Biotechnology	Dr. Rizwana Maqbool
24.	Improvement of Fiber Quality in <i>Gossypium Hirsutum L.</i> by CRISPR/Cas9- Based Editing of GhJAZ2 gene	Cotton Biotechnology	Prof. Dr. Sultan Habibullah Khan
25.	CRISPR/Cas9 Mediated Genome Editing of PPO genes in potato (<i>Solanum Tuberosum</i>) for reduction of Enzymatic Browning	Tomato target gene (PPO)	Prof. Dr. Zaheer Ahmad
26.	CRISPR/Cas9 Mediated Genome Editing of SIMAPK1 in (<i>Solanum lycopersicum</i>) for Heat Tolerance	Tomato target gene SIMPAKI	Prof. Dr. Zaheer Ahmad

SN	Case Title	Group/Lab	Principal Investigator
27.	Genetic Improvement in Shelflife of Tomato (Solonurn lycopersicum) Using CRISPR/Cas9 Mediated Editing of Pectate Lyase (PL) Gene	Tomato target gene Pectate Lyase) (PL)	Prof. Dr. Zaheer Ahmad
28.	Application for CRISPR/Cas9 Mediated Genome Editing for Enhancing the Tolerance against Frost in Solarium Lycopersicum	Tomato (target gene SIPF4)	Prof. Dr. Zaheer Ahmad
29.	Application for CRISPR/Cas9 Mediated Genome Editing in Potato for Late Blight Resistance	Potato (target gene CHI/gene)	Prof. Dr. Zaheer Ahmad

CONSULTANCY PROJECTS / AGREEMENTS/ACADEMIA INDUSTRY LINKAGES DEVELOPED

UAF researchers collaborate with industry for the solution of their industrial problems/bottlenecks through Consultancy Projects under UAF Commercialization Policy. During reporting period, Scientists at this campus extended consultancy services as per detail given below:

SN	Agreement/ Project	Consultant Name	Agency	Title
1.	Consultancy Agreement	Ms. Sana Arif, Lecturer, Institute of Home Sciences	Dar-E-Arqam	Nutrition Camp for the Health Care of Student, Mothers and Teachers
2.	Consultancy Agreement	Dr. Hammad Badar, Associate Professor, IBMS	Universal Health Program	Third Party Verifica-tion (TPV)of Primary Survey of Health Insurance Program, Faisalabad
3.	Consultancy Agreement	Dr. Muhammad Rizwan Ashraf, Assistant Professor, UAF Sub-Campus Burewala Vehari	WWF	Development Training Material for the Hazards of Highly Hazaddous Pesticides and Capacity Bidding of Project staff on Integrated Pest Management (IPM) Practices and Alternate Pest Control Methods
4.	Consultancy Agreement	Dr. Summar Abbas Naqvi, Associate Professor, IHS	Samson Group Industries	Data Palm Consultant for Cultivation of Horticultural Fruit and Vegetable
5.	Consultancy Agreement	Dr. Rana Muhammad Amir, Assistant Professor, IAEE&RD	M/S Versatile Consultant (Pvt.) Limited	Women Inheritance in Pakistan
6.	Consultancy Agreement	Dr. Tariq Aziz, Associate Professor, Depalpur	CABI	Soil Baseline Study in Better Cotton Project in Pakistan
7.	Consultancy Agreement	Dr. Muhammad Shahid Ibni Zamir, Associate Professor, Dept. of Agronomy	NESTLE, Paki-stan	Consultant for the Research and Development of Agri-Product (Hydro Gels)
8.	Consultancy Agreement	Dr. Zulfiqar Ahmad Saqib, Associate Professor, CABB	CABI	Soil Baseline Study in Better Cotton Project Pakistan

SN	Agreement/ Project	Consultant Name	Agency	Title
9.	Consultancy Agreement	Dr. Muhammad Naveed, Associate Professor	IS&ES (RMA)	Research and Development of Organic/Biofertilizers
10.	Consultancy Agreement	Dr. Muhammad Naveed, Associate Professor	IS&ES (IRDC)	Development of Bioorganic Phosphate Fertilizer
11.	Consultancy Agreement	Dr. Gulfam Hassan, Assistant Professor, IAEE&RD	Agri Tech Solution, Multan	Soil baseline Project of Agri tech Solution
12.	Consultancy Agreement	Dr. Tariq Aziz, Associate Professor, Depalpur	CABI	Baseline Study to Identify Potential Threats to Agro Biodiversity and Opportunities for its Conservation in Potato Landscape
13.	Consultancy Agreement	Dr. Muhammad Rizwan Ashraf, Assistant Professor, UAF Sub-Campus Burewala Vehari	SWRDO	Review and Development Training Material for the Hazards of Highly Hazardous Training Material on Cocktail Capacity Bidding of Project Staff on integrated Pest Management (IPM) Practices and Alternate Pest Control Methods
15.	Consultancy Agreement	Ms. Hira Iftikhar Ms. Alvina Haseeb	National Grammar School	Camp on Nutritional Assessment and Parental Counselling

ACADEMIA INDUSTRY LINKAGE AGREEMENTS

PROJECT INDUSTRY LINKAGES

SN	Agreement/ Project	PI Name	Company	Title
1.	Project	Dr. Ateeq-ur-Rehman, Assistant Professor (UAF Community College PARS)	M/S GR Agro. Services, Faisalabad	Effect of Nano Fertilizers on the Fruit Quality and Production in Kinnow
2.	Project	Dr. Assad Farooq, Associate Professor Fiber and Textile Technology	US, Group Lahore	Development of Cottonized Hemp Fibers for the Application in Denim Garments
3.	Project	Dr. Muhammad Kashif Saleemi, Associate Professor, Department of Pathology	M/S Shandong Sinder Technology Co, (Pvt.) Limited	Epidemiological Surveillance and Pathology of Avian Influenzas (H9) Infectious, Bronchitis (IB) and Fowl Adenovirus (FADV) Viruses for Selection of Suitable Vaccine Strains from Pakistan

SN	Agreement/ Project	PI Name	Company	Title
4.	Project	Dr. Safdar Ali, Assitt. Prof. Plant Pathology	M/S Angel Seed Corporation (Pvt.) Ltd	Production of Healthy Wheat and Cotton Seed for the Farmer Community
5.	Project	Dr. Irfan Afzal, Associate Professor, Agronomy	RTTG Project	Seed Pelleting Technology for Enhancing the Performance of tomato and High Value Vegetable Crops
6.	Project	Prof. Dr. Sultan Habibullah Khan, Director, Center of Advanced Studies	RTTG Project	Low-cost Domestic Production of Taq Polymerase Enzyme for Research and Diagnostics
7.	Project	Dr. Assad Farooq, Associate Professor, Fiber and Textile Technology	US Denim (Pvt.) Limited La-hore	Production of Medium to Short Staple Length Cotton with High Yielding Potential for Denim Garments

1. COMPLETED INDUSTRIAL PROJECT

SN	Project Title	PI Name	Designation	Department	Rs. in Million
1	GHG Emissions and Providing Offset Feed for Livestock Sector in Pakistan	Dr. Shahid Ibni Zamir	Associate Professor	Department of Agronomy	3.00
2	Evaluating the Impact of TMR Based Rations Supplemented with Moringa Leaves and Prebiotic Source on Lactating Cows	Dr. Shahid Ibni Zamir	Associate Professor	Department of Agronomy	2.33
3	Integrated Application of Silicon and New Chemistry Insecticides against Sucking Insect Pestâ€™s Com-plex of Cotton	Dr. Muhammad Sufian	Assistant Professor	Department of Entomology	1.53
4	on Farm Management of Foliar and Tuber Diseases of Potato	Dr. Khalid Naveed	Assistant Professor	Department of Plant Pathology	1.50
5	Development of Cottonized Hemp Fibers for the Application in Denim Garments	Dr. Assad Farooq	Assistant Professor	Dept. of Fibre and Textile Tech.	2.35
6	Optimization and Demonstration of Papaya Nursery Raising Technology	Dr. Muhammad Azam	Assistant Professor	Institute of Horticultural Sciences	3.287
7	Measuring Perception and Satisfaction index in the Eyes of Endusers for Pesticide and Fertilizer in Punjab	Dr. Muhammad Amjed Iqbal	Assistant Professor	Inst. of Agri and Resource Econ	1.00

BUSINESS INCUBATION CENTER (BIC)

Background

Innovation is the driving force behind new ideas, creativity and value creation, leading to the development of novel products, services and business models that fuel business growth. Innovative enterprises venture into new business opportunities, identifying emerging consumer needs and finding better solutions to meet them, ultimately adding value for their shareholders. However, many aspiring entrepreneurs struggle to turn their ideas into successful businesses. Even small obstacles can impede their progress, stalling their growth and rendering their efforts ineffective. To support these emerging entrepreneurs and researchers, the University of Agriculture, Faisalabad established a Business Incubation Center in 2009. This center is dedicated to translating the research outcomes of university scientists and researchers into new products and technologies. Academic-linked business incubators play a crucial role in facilitating technology transfer from universities, fostering connections between subject matter experts and the business community, and creating a system that brings technological innovations and products to market.

Introduction

BIC supports startups by providing an array of services. It facilitates entrepreneurs with well-equipped laboratories, extensive libraries, and powerful computer systems. BIC conducts different capacity building programs for mentoring startups. It also provides regular assistance in preparation and implementation of feasibilities and business plans. BIC actively participates in securing finance for new ventures on sustainable basis.

The major goal of BIC is to produce successful firms that will leave the program financially viable and freestanding. For this purpose, it takes different initiatives such as business plan competitions, workshops relating to business plans, seminars. The center provides a platform to young entrepreneurs for the development of their own startups. BIC also provides opportunities to strengthen ties between the educational institutions and the local business community.

Vision

Create a thriving and sustainable future by empowering innovative agropreneurs.

Mission

Be a catalyst to foster innovation in agriculture through nurturing agritech startups, provide sustainable solutions to ensure food security, productivity and environmental stewardship, through dedicated support, mentorship, networking and collaborative environment.

Objectives

- To foster entrepreneurial mind set among our students, faculty and stakeholders.
- To provide indigenous solutions to cater the demands and issues of Agri stakeholders.
- To uplift socio-economic livelihood of our farming community through startup ecosystem.
- To bridge the gap between community, agritech industry, scholarly research and IP being done at UAF.
- Capacity building of entrepreneurs, to cater global issues.

Services Offered at BIC, UAF

1. Physical infrastructure

Startups are provided with office space including reception services, shared meeting room, internet access, product display, exhibition hall and secure environment.

2. Technical & Managerial Assistance

This service allows Startups to access university faculty resources and gear-up their engineering and managerial capability.

3. Access to Labs

Startups are provided access to labs of the University.

4. Access to Funding Sources

BIC helps Startups to apply and get funds for developing prototype and commercialization of their respective product, to get them ready for venture capital funding.

5. Mentorship

BIC assists in formulation of business and market plans. It also provides management guidance and finding suitable markets for the products.



STZA INCENTIVES FOR PUBLIC & PRIVATE SECTORS



Exemptions*

- ✓ Profits & Gains
- ✓ Turnover Tax / MAT
- ✓ Dividends & Long-Term Capital Gains on Venture Capital funds
- ✓ Customs Duty, Sales Tax, & WHT on Capital Goods at time of import
- ✓ More (Coming Soon!)

- ❑ 10 years from date of license issuance
- ❑ Sales Tax (goods, services) and Property Tax
- ❑ Other approvals can be sought from Federal Govt.

Forex Bank Account*

- ✓ Special Forex Regs by SBP
 - Creation of Special Forex A/C
 - Any sum from abroad can be credited to the A/C
 - Amount in A/C can be used for legitimate payments abroad
 - Local payments can be made by drawing in PKR
 - No withdrawal of Forex

- ❑ 10 years from date of license issuance
- ❑ In case sufficient funds are not available in Forex, the same can be arranged from Inter-bank market.

NEW INITIATIVES AT BIC

1. AgriTech Park, UAF

Special Technology Zones Authority (STZA) is an autonomous body established under the Cabinet Division, Government of Pakistan, with the Honorable Prime Minister of Pakistan as the President of the Board of Governors (BoG) of the Authority. STZA has been mandated to promote the knowledge-based innovation ecosystem through the establishment of Special Technology Zones (STZs) across the country. STZA aims to provide institutional and legislative support for the technology sector by providing fiscal and forex incentives under STZA Act 2021, to attract foreign direct investments, incentivize futuristic entrepreneurship, enable job creation, and commercialize technological knowledge. On August 31, 2022, STZA has notified the University of Agriculture Faisalabad as Pakistan's 1st AgriTech Park.

FOCUSED AREAS

1. Mechanization/Precision Agriculture
2. Inputs (Seed, Bio-Fertilizer, Pesticides, Agro-Chemicals etc.)
3. Biotechnology / Vaccines
4. Value Addition
5. Energy
6. ICT/Data Warehouse

ZONE DEVELOPMENT PLAN

- Business Space / Office Space / Startups
- R&D / Purpose Built Facilities
- Manufacturing/ Production areas
- Training Facilities
- Future Plan

APPLICATION SUBMISSION

- Applications shall be submitted on STZA's website at www.stza.gov.pk, along with all supporting documentation. Unless otherwise notified, three (3) physical copies of the identical online Application along with all supporting documentation must be submitted to STZA within five (5) days of submission of the online Application (including any additional information as may be required from time to time); failure to submit physical copies of the Application may result in the Application being discarded, at the discretion of STZA. The Applicant shall receive an acknowledgement of Application from STZA upon receipt of the electronic and physical copies of the Application.
- In event of a conflict or contradiction in the contents of the electronic and manual submissions, the contents of the electronic submission shall be considered authoritative and shall take precedence over any manual submission.
- Applications in physical form should be sent to the following address, unless otherwise specified on STZA's website: One Window Department Special Technology Zones Authority 16th Floor, New State Life Tower Blue Area, Islamabad
- A copy of application may also be forwarded to Business Incubation Center, UAF.

STZA Application/License Process



Accelerating Innovation: A Brainstorming Session with STZA and UAF

Under the visionary leadership Vice Chancellor of UAF, the Business Incubation Center UAF orchestrated a dynamic brainstorming session. Collaborating with the Specialized Technology Zone Authority, prospective corporate leaders, startups, and esteemed faculty members, the event was a remarkable convergence of innovative minds.

During the dynamic brainstorming session organized by UAF Business Incubation Center, Mr. Aamer Saleemi, the Executive Director and Member of Zones Development and Management, alongside Sameen Amjad Ali, Manager commercial, and Compliance, illuminated participants with invaluable insights into the enticing incentives offered by the Specialized Technology Zone Authority (STZA).

From tax breaks to regulatory support, these incentives pave the way for innovation and growth in the tech sector.

During the session, Prof. Dr. Iftikhar Ahmad Director BIC, Imran Munawar and Farooq Hassan encouraged participants to seize the opportunity and register their companies in the STZA, unlocking new pathways for growth and success.

As the year concludes, BIC reaffirms its commitment to empowering entrepreneurs, nurturing innovative ideas, and driving economic progress through strategic collaborations and forward-thinking initiatives like the Agritech Park.

2. Securities and Exchange Commission of Pakistan (SECP) Registration Desk

Introduction

The Business Incubation Center (BIC) at the University of Agriculture Faisalabad (UAF) has consistently been at the forefront of fostering entrepreneurship and innovation among faculty and students. In its continued efforts to create a robust entrepreneurial ecosystem, BIC initiated a groundbreaking program encouraging faculty-led and student startups to register with the Securities and Exchange Commission of Pakistan (SECP). This initiative aimed to formalize entrepreneurial ventures, enhance their credibility, and enable them to access funding, partnerships, and growth opportunities. By promoting SECP registration, BIC is paving the way for a sustainable and impactful startup culture at UAF.

Empowering Innovation through SECP Registration

This initiative resulted in a significant milestone, with numerous faculty members and students successfully registering their startups with SECP during the year. These newly registered startups span diverse industries, including agri-tech, food processing, and renewable energy, reflecting the university's commitment to innovation and societal impact. The formalization of these ventures has not only strengthened their operational capabilities but has also contributed to the national agenda of fostering a knowledge-based economy.

In addition to SECP registration, BIC launched several complementary programs to support startups, including mentorship sessions with industry experts, workshops on business planning and financial management, and networking events to connect startups with potential investors and collaborators. Furthermore, the center established a dedicated helpdesk to assist entrepreneurs with the SECP registration process, ensuring seamless and efficient support. These initiatives collectively highlight BIC's unwavering dedication to empowering entrepreneurial minds and driving economic growth.

1. COMPLETED INDUSTRIAL PROJECT

SN	Startup Name	Founder Details
1.	Bloomia Aura (Pvt.) Ltd.	Dr. Iftikhar Ahmad, Associate Professor, Institute of Horticulture Sciences
2.	Green Energy Technologies (GET)	Prof. Dr. Anjum Munir, Chairman, Department of Energy Systems Engineering, UAF
3.	Sustaintex Fiber (Pvt.). Ltd	Dr. Assad Farooq, Associate Professor/Chairman, Fiber and Textile Technology, UAF
4.	EcoAgro Tech (Pvt.) Ltd	Dr. Zubair Aslam, Associate Professor Department of Agronomy, UAF
5.	Cryst Synthetile Chemicals (Pvt.) Ltd	Dr. Muhammad Adnan Iqbal, Associate Professor, Department of Chemistry, UAF
6.	AAA Nutrifoods	Dr. Mian Kamran Sharif, Associate Professor, NIFSAT, UAF
7.	GeoHarvest Technologies	Dr. Saqib Ali, Associate Professor, Department of Computer Science, UAF
8.	Soy Products & Services (Pvt.) Ltd.	Dr. Zaheer Ahmed, Associate Professor, Department of Plant Breeding and Genetics, UAF
9.	MSK-Data Insights & Co	Dr. Muhammad Kashif, Assistant Professor Department of Math & Stat, UAF
10.	GREFT (Pvt.). Ltd	Dr. Saddam Hussain, Assistant Professor, Department of Agronomy, UAF
11.	Antibiotic Residues Diagnostic Strips	Dr. Bushra Akhtar, Lecturer, Department of Pharmacy, UAF
12.	TrueCap Seasonings	Dr. Engr. Muhammad Tauseef Asghar, Lecturer, Burewala Sub-campus, UAF
13.	Hemaya (Pvt.). Limited	Dr. Imran Ul Haq, Associate Professor, Department of Plant Pathology, UAF
14.	SF Feed Tech (Pvt.). Ltd	Dr. Muhammad Sharif, Associate Professor, Institute of Animal & Dairy Sciences, UAF Dr. Fawwad Ahmad, Associate Professor Institute of Animal and Dairy Sciences, UAF

3. Faculty Startup Program: A Catalyst for Innovation

The University of Agriculture, Faisalabad (UAF) recognizes the immense potential of its faculty and staff to drive economic growth and societal development. The Faculty Startup Program is designed to empower our talented individuals to translate their innovative ideas into tangible products and services. By leveraging the university's cutting-edge research and expertise, we aim to foster a culture of entrepreneurship and innovation, ultimately contributing to the nation's prosperity.

Faculty Led Startups

SN	Startup Name	Founder Details
1.	Water Monitoring Velocity System	Dr. Uzair Qamar, Associate Professor, Dept. Irrigation and Drainage
2.	Bio soil Fertilizers	Prof. Dr. Zahir Ahmad Zahir, Institute of Soil and Environmental Sciences
3.	Green Pro Fertilizer	Prof. Dr. Zahir Ahmad Zahir, Institute of Soil and Environmental Sciences
4.	Textile Value Chain Consultancy	Dr. Asad Farooq
5.	Molecular Care	Prof. Dr. Amer Jamil, Professor, Bio Chemistry
6.	Vegebot	Dr. Saqib Ali, Associate Professor, Computer Sciences
7.	Pak Bloomia Floriculture Solutions	Dr. Iftikhar Ahmad, Associate Professor, Institute of Horticulture Sciences
8.	Green Energy Technologies (GET)	Prof. Dr. Anjum Munir, Chairman, Department of Energy Systems Engineering, UAF
9.	Sustaintex Fiber (Pvt.). Ltd	Dr. Assad Farooq, Associate Professor/Chairman, Fiber & Textile Technology, UAF
10.	EcoAgro Tech (Pvt.) Ltd	Dr. Zubair Aslam, Associate Professor Department of Agronomy, UAF
11.	Cryst Synthetlic Chemicals (Pvt.). Ltd	Dr. Muhammad Adnan Iqbal, Associate Professor, Department of Chemistry, UAF
12.	AAA Nutrifooods	Dr. Mian Kamran Sharif, Associate Professor, NIFSAT, UAF
13.	GeoHarvest Technologies	Dr. Saqib Ali, Associate Professor, Department of Computer Science, UAF
14.	pH Processing Solutions	Dr. Shaukat Ali, Associate Professor, Department of Chemistry, UAF
15.	Veterinary Biologics and Diagnostics	Dr. Imran Arshad, Associate Professor, Institute of Microbiology, UAF
16.	Soy Products & Services (Pvt.) Ltd.	Dr. Zaheer Ahmed, Associate Professor, Department of Plant Breeding and Genetics, UAF
17.	MSK-Data Insights & Co	Dr. Muhammad Kashif, Assistant Professor Department of Math & Stat, UAF
18.	GREFT (Pvt.). Ltd	Dr. Saddam Hussain, Assistant Professor, Department of Agronomy, UAF
19.	Antibiotic Residues Diagnostic Strips	Dr. Bushra Akhtar, Lecturer, Department of Pharmacy, UAF
20.	TrueCap Seasonings	Dr. Engr. Muhammad Tauseef Asghar, Lecturer, Burewala Sub-campus, UAF
21.	Raised Bed Farming (RBF)	Dr. Ahmad Waqas, Research Officer, Water Management Research Center, UAF PARS Campus, Jhang Road, Faisalabad

SN	Startup Name	Founder Details
22.	Hemaya (Pvt.). Limited	Dr. Imran Ul Haq, Associate Professor, Department of Plant Pathology, UAF
23.	SF Feed Tech (Pvt.). Ltd	Dr. Muhammad Sharif, Associate Professor, Institute of Animal and Dairy Sciences, UAF Dr. Fawwad Ahmad, Associate Professor, Institute of Animal & Dairy Sciences, UAF
24.	SenseCon	Dr. Muhammad Yamin, Dept. of Farm Machinery & Power
25.	Fertify Consultants	Dr. Shaukat Ali, Inst, of Agri Ext, Edu. & Rural Development
26.	HR Consultancy Service	Dr. Asia Rafiq, IBMS
27.	Superfoods and Functional Food Products	Engr. Dr. Muhammad Azhar, Department of Food Engineering
28.	Commercialization of Olive and Almond Oils	Dr. Muhammad Nadeem, Dept. of Farm Machinery & Power

4. Student Startup Business Center (SSBC)

Entrepreneurship and innovation contribute towards economic and social development of a country. University-based entrepreneurship ecosystem plays a vital role for building entrepreneurship culture among students. The University of Agriculture, Faisalabad has established a Student Startup Business Center (SSBC) with the collaboration of the Promotion of Education in Pakistan (PEP) Foundation Inc. New York and Higher Education Commission (HEC) of Pakistan. Student Startup Business Centre (SSBC) provides mentorship and initial financing to various startups. The major goal of SSBC is to produce successful startups that will leave the program financially viable and freestanding. SSBC provides opportunities to strengthen ties between the educational institutions and the local business community.

Objectives

1. To encourage and support students for establishing their own startup initiatives
2. To promote entrepreneurship through awareness workshops and innovation challenges
3. To identify and attract sources of financial assistance from businesses, donors, angel investors and venture capitalist to assist students in their startups
4. To provide training for students in basic skills such as business plan development and developing elevator pitches
5. To design and implement programs that will link successful startups with relevant industries and business investors
6. To provide finance to the students for starting their own enterprises
7. To follow up the pace of on-going business

SSBC Awardees Cohort 1-2

SN	Student Name	Project Title	Funding Amount
1	Umar Farooq	Green Heaven Landscape	225,000
2	M. Umar Sultan	Hostel Business	225,000
3	Hamza Toqeer	Livestock Compound Feed	225,000
4	Adil Farooq	Fattening Farm	225,000
5	Ali Badshah	Pet Mobile veterinary clinic	300,000/-
6	Abdul Wahab Ashraf	Automatic Milk Adulteration Plant	200,000/-

SSBC AWARDEES 2024

SN	Applicant Details	Startup Name	Brief Idea	Funding Amount (Rs.)
1.	Muneeba Javed CNIC No: 32303-6531884-4 Degree: PhD HND Semester: 1st Reg No: 2018-ag-8012	Nutrilicious Baby Foods	Nutritional Baby Food Products Made With Fresh, Locally Sourced Ingredients, Ensuring the Highest Quality And Nutritional Value for Infants	100,000
2.	Ms. Maham Gul CNIC No: 33100-5066790-8 Degree: BS Environmental engineering Semester: 7th Reg. No: 2021-ag-8294	Interior Design Hub	Collect and repurpose Discarded Fabric Into High-Quality, Eco-Friendly Interior Design Elements	100,000
3.	Mr. Emaad Haider CNIC No: 35503-0137536-7 Degree: BSCS Semester: 3rd Reg No: 2019-ag-632	Remote Irrigation	Develop a Mobile App that Connects to IoT Sensors Installed in Irrigation Systems. This Allows Farmers to Make Informed Decisions about Irrigation, Optimizing Water Consumption and Improving Crop Yields.	150,000
4.	Mr. Zain Abbas CNIC No: 33101-3879066-1 Degree: BS Physics Semester: 5th Reg No: 2022-ag-5417	PureSense	Develop an Innovative Air Purification Technology that Eliminates the Need for Filters, using Advanced Filtration Methods Such as Electrostatic Precipitation	100,000
5.	Mr. Ali Hussain CNIC No: 33104-2088900-7 Degree: MS Animal nutrition (3rd Semester) Reg. No: 2019-ag-8739	Agri Connect	Agriconnect (An application for Connecting Farmers with Tractors and other Farm Implements)	100,000
6.	Mr. Shayan Arshad Degree: Pharm D Semester: 7th Reg. No: 2021-ag-4186 CNIC No: 38401-1197854-9	InfoSmashers	Informashers (InfoSmashers provides a Comprehensive Platform Offering Specialized Freelancing Courses that Align with International Standards)	50,000
7.	Mr. Hamza Ali CNIC No: 35202-8301506-3 Degree: M.sc Horticulture Semester: 3rd Reg. No: 2019-ag-7509	Flora Artisan	Production of Exotic Cut Flowers that are usually imported. We will produce it locally in Pakistan to reduce import bill.	100,000

Seven UAF Students Funded to Launch Startups Under SSBC Initiative

Seven innovative students from the University of Agriculture Faisalabad (UAF) have been awarded funding to establish their own startup companies under the Student Startup Business Center (SSBC) initiative. This program aims to foster a knowledge-based economy by providing opportunities for students to transform their innovative ideas into successful business ventures.

Presiding over the funding ceremony, UAF Vice Chancellor Prof. Dr. Muhammad Sarwar Khan emphasized the importance of equipping students with entrepreneurial skills to become job providers rather than job seekers. He highlighted that a knowledge-based economy will open new avenues for development, urging the need for solid research and modern approaches to address challenges in the agricultural sector.

He remarked, "Agriculture is facing immense challenges, and adopting modern methods is crucial for sustainable growth and economic alignment with global standards."

The ceremony was attended by key university officials, including Director Research Dr. Imran Arshad, Director Business Incubation Center UAF Dr. Iftikhar Ahmad, Treasurer Syed Zeeshan Ashfaq Bukhary, Dr. Khurram Zia, Dr. Muhammad Naveed, Dr. Saira Akhtar, Muhammad Imran Munawar and Mr. Farooq Hassan, and others.

This initiative by SSBC underscores UAF's commitment to fostering entrepreneurship and driving innovation, paving the way for a more dynamic and sustainable economic future.



5. TiE Xchange Program on at UAF

University of Agriculture, Faisalabad and TiE Islamabad (The Indus Entrepreneurs), one of the 61 chapters worldwide of TiE Global, which is the world's largest entrepreneurial network, inked a Memorandum of Understanding to establish a collaborative relationship under the "Youth Exchange Program" to support and develop entrepreneurial skills among UAF student startups. Under this MoU, TiE Islamabad will provide a credible, hands-on curriculum used in successful entrepreneurial boot camps focusing on essential entrepreneurial skills, train selected UAF faculty as trainers to implement this curriculum to selected students, facilitate mentorship sessions conducted by industry experts, and facilitate the selected students in 12-week boot camp cycles.

5. Prime Minister's National Innovation Award (PMNIA)

Prime Minister National Innovation Award final competition organized by the Prime Minister's Youth Programme held on June 17-18, 2023 at National University of Science and Technology. Business Incubation Center, UAF incubatee "Royal Trading Company (Pvt.) Ltd" (RTC) pitched its idea of "Date Candy" in said competition. Around 250 startups pitched in the competition and RTC was among the top 50 winners. Prime Minister Shehbaz Sharif distributed PM's National Innovation Award among the successful candidates. RTC has been awarded PKR 500,000/- as startup fund. The funding will be utilized to further refine their technology, conduct comprehensive market research, expand their team, and explore strategic partnerships. The Business Incubation Center, renowned for its commitment to fostering innovation and nurturing aspiring entrepreneurs, continues to play a vital role in cultivating a vibrant startup ecosystem.



STRENGTHENING TECHNOLOGICAL INFRASTRUCTURE

Teaching, research, and learning without Information Technology (IT) services cannot be imagined anymore. In today's world, it's highly critical to stay up to date with the pace of change in the IT sector. University of Agriculture Faisalabad's (UAF) current IT infrastructure is catering to the multi-dimensional requirements of UAF community. Under the visionary and astonishing leadership of university management, our IT department has extended their technical services and facilitated internet connectivity round the clock to the University community. Our IT professionals are available 24/7-365 to support and guide the researchers, students and academic/non-academic staff to pilot their efficiency and exertion. The HEC has rated UAF at the top position for research output among 140 Universities in the country. We are planning to put great emphasis on dissemination of research output that is being produced faster than ever and its translation into goods and services and timely updated on university website.



UAF Initiative on Internet and Society is a step into exploring, understanding and trying to comprehend cyberspace and get solutions of the problems. We have recently established the cross-university interdisciplinary Research Initiative on Internet and Society. We are exploring the development of cyberspace to facilitate its study, to better understand its relationships to business, technology, economic, social, legal and other dimensions of the University community. Going forward, the immediate focus will be to keep up with the rapid advancement in technology, stay connected and up to date with the global world. IT professionals of UAF are working towards exploring the different ways to help faculty staff and students to expand innovative research and solutions to the end users. ITRCDB (Information Technology Resource Center and Data Bank) is working proficiently on two main components, Network and Software Development to facilitate the community. Our technical experts are engaged in designing some sort of real time indicators and protocols that can help us to measure and improve learning capabilities, student engagement and other factors that can contribute to the overall success of our program and graduates. We're open to collaborating with people who can help us develop the content as well as scale up the program itself.

Network Section

Information Technology has become an essential part of our daily lives in 2004, UAF took a major step towards providing a stable gigabyte network across the campus through a project named "Campus-wide Networking and Computerization of University of Agriculture Faisalabad" using Fiber Optics". It supported 400 nodes of Network which has increased to 1500 nodes in 2008. To cope with the increasing number of nodes in the current infrastructure "Up gradation/Strengthening of I.T Infrastructure" was launched under the mega project for expansion and up gradation of internet, web and software facilities to entertain in reliable manners at UAF. A new state of the art Data Centre has been developed providing around 2800 nodes, existing hardware has been updated in the Main and Old campuses and all the student's hostels have been equipped with wireless capability.



In December 2010, Information Technology Resource Center and Data Bank (ITRCDB) was established to provide centralized IT support and services to the entire campus.

The Data Center of ITRCDB is equipped with latest software and hardware resources like Firewall (Huawei USG 6600 UTM), Core Switches (Huawei catalyst switch S12800, Quadway S5700), Wireless Controller CISCO 4402,

Ruckus Zone Director 1200, Dell Power Edge and Operating system Resources like Windows Server 2008 R, Windows Server 2012 R2, VMware 6.5, CentOS Linux 6.5 Edition, Microsoft Office Communicator Server and so on. ITRCDB has centralized database management system which is configured with Oracle 11g Release 2 that is used for maintaining all university data. ITRCDB's state-of-the-art Data Center is distributing 1.7 Gbps bandwidth to the entire campus including academic blocks, administration, and hostels. These facilities are connected with Pakistan Education Research Network (PERN2). UAF is working towards increasing the bandwidth to the next level to facilitate the increasing demand of internet due to massive use of laptops and smart devices. Campus wide core network is comprised of distributing switches of Huawei Quadways 5700 which are providing connectivity to Access layer switches (CISCO Catalyst 3960, 2950 and 520, Huawei S5700) and CISCO Light Weight Access Point 1242 series through UTP and Core medium Fiber Optic. The Data Center is providing 1.7Gbps real-time Internet connectivity to all departments including the hostels of students and faculty affiliates.

University of Agriculture, Faisalabad have agreement with pern for internet connectivity in all sub-campuses of UAF under the umbrella of this agreement pern have deployed 60mbps dedicated internet fiber optic link with the coordination of department of information technology resource center and data bank at PARS, Toba Tek Sing and Burewala sub campus of UAF. Wi-fi facility is also deployed by the itrcdb, uaf at all three sub campuses area as well as in hostels.

ITRCDB is also contributing to the progress of university by means of providing

- o 24/7 uninterrupted high speed controlled Internet access throughout campus.
- o Manage and implement biometrics attendance system.
- o Deployment of Active Directory environment for entire campus
- o Network based Surveillance system.
- o Network and system support services
- o Hardware repair and maintenance services
- o Web and e-mail services
- o Digital Library and E-library access
- o Video conferencing services
- o IP telephony services
- o VMWare Horizon based Virtual Desktop Infrastructure
- o Resource sharing over the LAN infrastructure
- o Provide Secure remote Access to Faculty members accessing internal resources.
- o Data backup and archiving
- o Network extensions for existing and new departments in the campus
- o Technical assistance for procurement of IT related equipment and services
- o Setup Virtualized environment using VMWare & Hyper-V technologies to introduce e-services high availability, effective usage of compute resources and energy efficient computer systems.

Network Projects Completed

- o Migration to Cloud services, Microsoft Office 365 including Exchange, SharePoint, One Drive for online storage and Skype for business has been completed successfully.
- o All faculties are connected with high speed fiber optics using Cisco Layer 3 Model.
- o To equip the community with original Microsoft Windows® and other software like Microsoft Office, Antivirus and other productivity software for project planning and design.
- o Installed full meshed Access Points for wireless connectivity to accommodate staff and students for uninterrupted internet access.
- o Upgraded the existing Cisco core, access switch to Huawei core, distribution, and access switches

- o Deployed VMWare Horizon based Virtual Desktop Infrastructure solution comprises of High-end storage, compute and Zero Client technologies.
- o Deployed Data Network, VOIP and Surveillance technologies at Sub Campuses of University to connect remote sites through converged network of Main Campus
- o Installed hybrid exchange (Analog, IP) to facilitate communication services within campus
- o New Huawei UTM solution is providing application level deep security to protect internal I.T resources against latest malware, security threats, and suspicious traffic to ensure integrity, confidentiality, and availability of associated e-services.
- o Network surveillance solution has been deployed inside campus under smart safe campus project.
- o Provide Internet access to students in PARS, PBI Hostels
- o Provided Internet access to students in new Jinnah Hostels of 2000 capacity
- o Installed 94 IP CCTV cameras in UAF Main Campus under Smart safe Campus HEC Funded Project

Software Section

Information Technology Resource Center and Data Bank (ITRCDB) has also developed modules for different departments of UAF.

Real-Time Fee Integration

In 2017-18 fee collection system has upgraded with real time bank integration. First time ever in university history ABL and MCB introduce real time fee collection mechanism, Students can submit university dues in any branch of banks as well as through ATM and get the real time confirmation in UAF system and on students' portal.

By introducing this system following changes and upgradation has happen:

- o Fee submission facility of all ABL and MCB branches all across Pakistan
- o Real time reporting to offices relating to finance i.e. treasure office, Fee section, Accounts department, Chief of hall warden office
- o Elimination of 24 hours gap from entries test vouchers verifications.
- o Generation of merit list on frequently basis
- o Generation of revenue reports
- o Faster Bank reconciliation process
- o Bank scroll summaries and reports

Online Admission and Record Information System

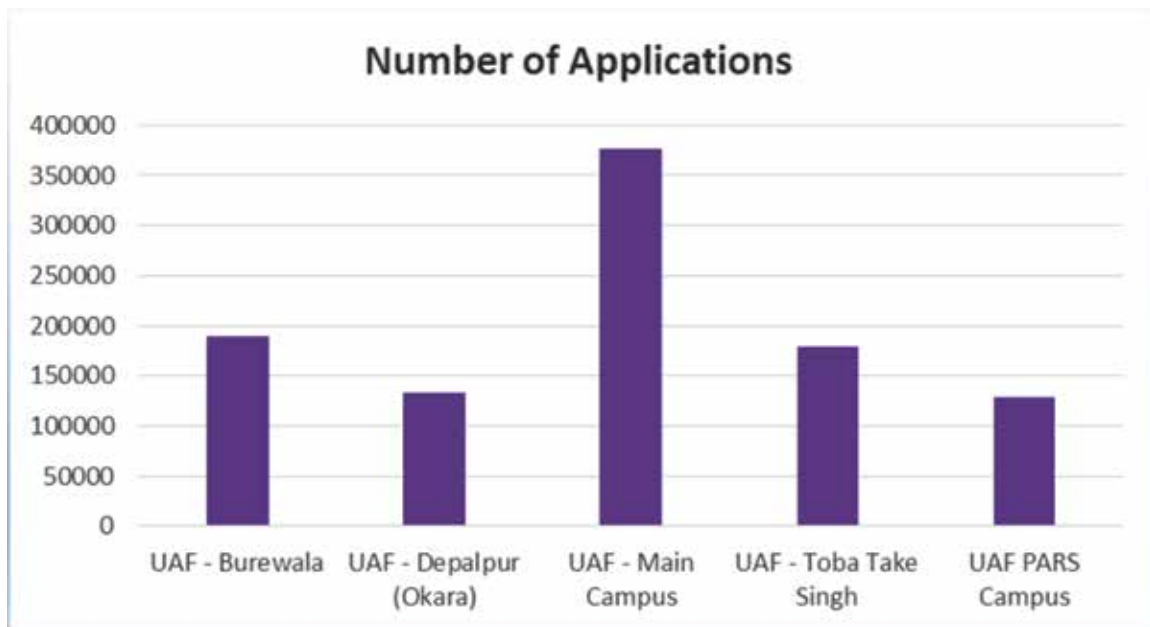
- They journey has been started in 2014, UAF lunched online admission system and on later stage integrate with the real-time fee collection system. During to Covid-19 pandemic entry test for the undergraduate has been skipped and admission process has been carried out for the admission in session 2020-2021. Total 22699 applicants applied for the admission in undergraduate program in this session.
- **Merit Generation System:**
IT has provided Undergraduate merit generation system from admission session 2023-24 to all departments/campuses, where any of focal person nominated by department/campus HOD can generate merit lists as much as their good office required. They can scrutinize any application by viewing their documents, set the seat allocation against any degree. system have the option to print merit lists in excel format for finalizing lists and publishing them for website.

- **Undergraduate**

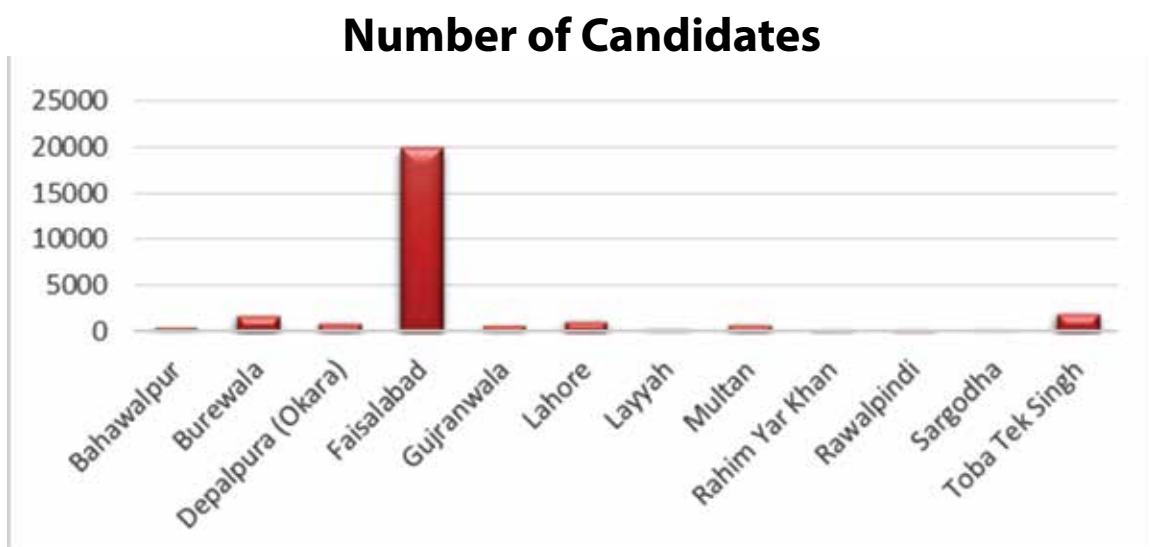
UAF Conduct two entry tests with various stream for the admission of undergraduate's session 2023-2024 in which almost 27000+ candidates registered with our Entry test portal and submitted the 20000+ application for entry test for all the 12 test centers.

Below graph will describe the complete two entry test breakups

Below graph will describe the Campus wise number of applications of candidates.



Test Center Wise Comparison



Application Submitted

After Entry test there are 20000 + application is submitted through online portal in undergraduate session 2023-2024.

- **Merit Generation system:**

IT has provided Undergraduate merit generation system from admission session 2023-24 to all departments/campuses, where any of focal person nominated by department/campus HOD can generate merit lists as much as their good office required. They can scrutinize any application by viewing their documents, set the seat allocation against any degree. system have the option to print merit lists in excel format for finalizing lists and publish for website.

Postgraduate

Online Registration & Entry Testing

UCandidates register online, receive a unique registration number, and proceed through the entry test. The entire process including registration, document uploading, test attendance, result verification, and fee submission is executed through our centralized online system.

Integrated Admission Processing

Following the entry tests, the admission procedure is automatically initiated. All applications are inspected in detail, and merit lists are generated based on predefined rules within the system. This integration facilitates a smooth transition from test performance to final admission.

Documentation Management

Essential documents such as DMCs, provisional certificates, character certificates, and other relevant records are managed centrally through the designated account and treasury offices. This ensures accurate record keeping and expedited processing.

Support Services

Our Admission Help Desk, managed by the IT Directorate, remains available via phone, email, or in-person visits to address any queries related to both undergraduate and postgraduate admissions.

1. GAT Session 2023-24: Entry Test Data

The following statistics reflect the performance in the GAT entry tests conducted during the 2023-24 session:

- **1st Entry Test**

o GAT Count:	4,966
o Candidates Appeared:	4,529
o Candidates Passed:	2,878

- **2nd Entry Test**

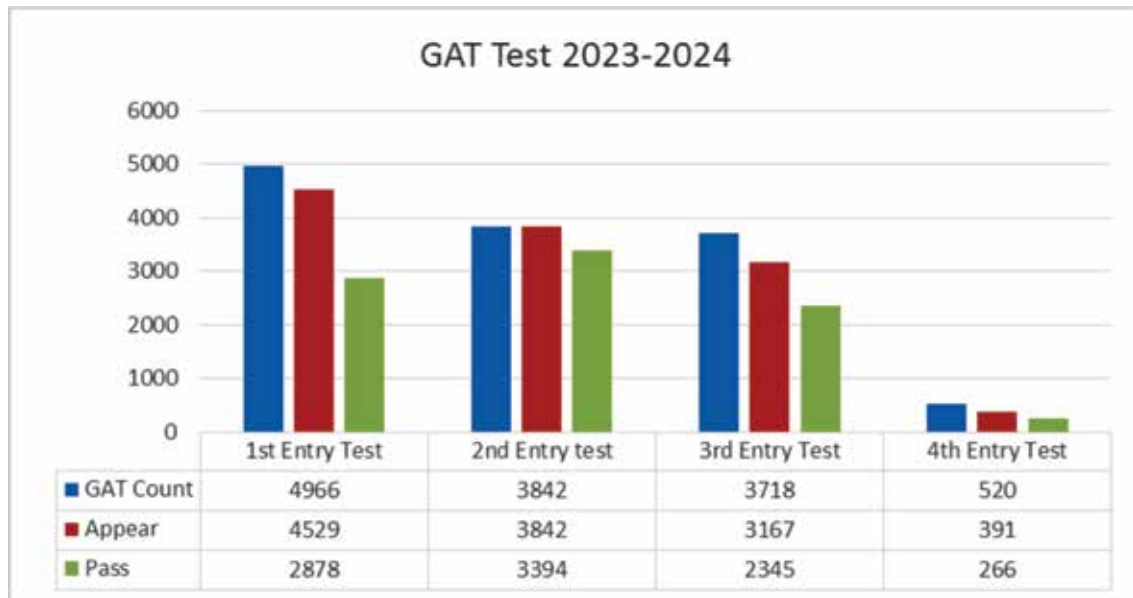
o GAT Count:	3,842
o Candidates Appeared:	3,842
o Candidates Passed:	3,394

- **3rd Entry Test**

o GAT Count:	3,718
o Candidates Appeared:	3,167
o Candidates Passed:	2,345

- **4th Entry Test**

- o GAT Count: 520
- o Candidates Appeared: 391
- o Candidates Passed: 266



2. GRE Session 2023-24: Entry Test Data

Similarly, the GRE entry test data for the 2023-24 session is summarized below:

- **1st Entry Test**

- o GRE Count: 337
- o Candidates Appeared: 309
- o Candidates Passed: 48

- **2nd Entry Test**

- o GRE Count: 420
- o Candidates Appeared: 373
- o Candidates Passed: 57

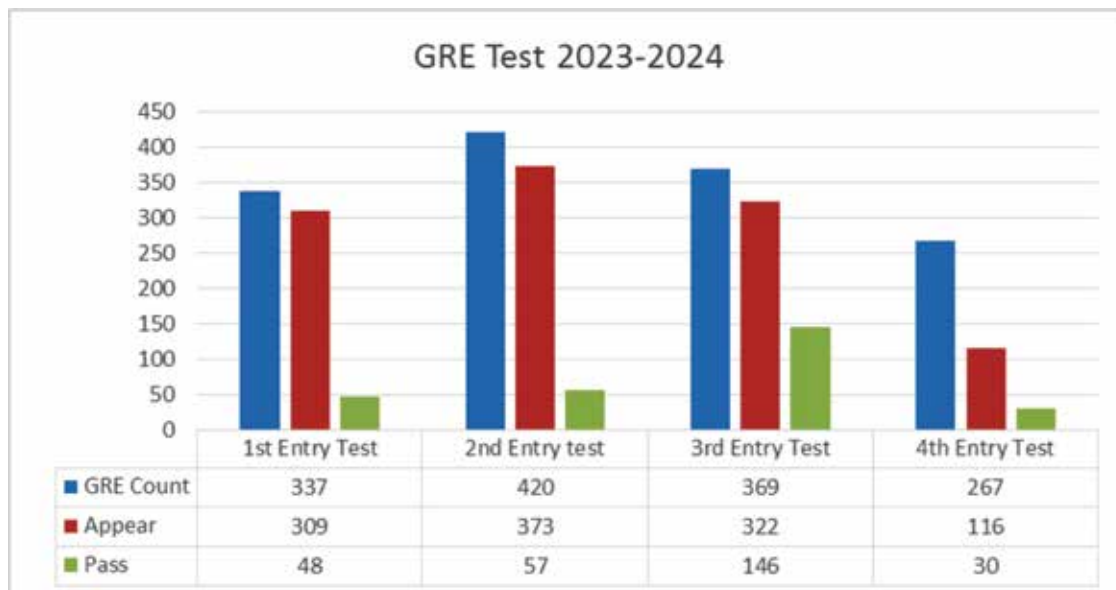
- **3rd Entry Test**

- o GRE Count: 369
- o Candidates Appeared: 322
- o Candidates Passed: 146

- **4th Entry Test**

- o GRE Count: 267
- o Candidates Appeared: 116
- o Candidates Passed: 30

The GRE data reflects our commitment to maintaining rigorous assessment standards while accommodating the varied candidate profiles and performance levels.



3. Technology & System Integration

o In-House Admission Software

Our proprietary admission and record management software continues to serve as the backbone of the admissions process. By engaging the latest technologies (e.g., ASP.NET Core), the system allows access from multiple locations, ensuring flexibility and convenience for all users.

o Automated Merit Generation

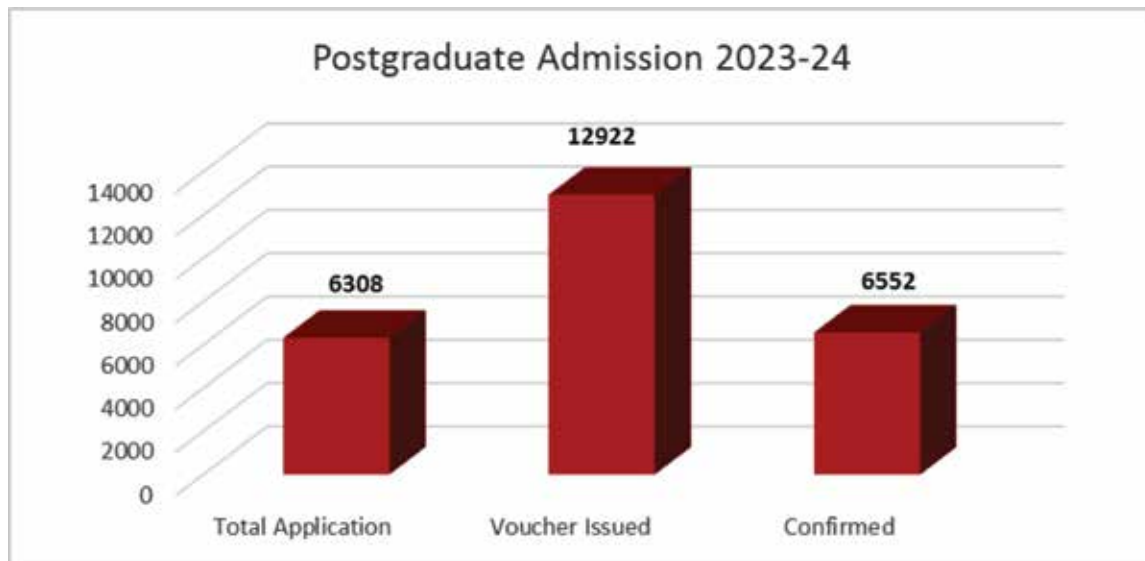
The system automatically calculates and updates merit lists based on the entry test scores and application data, ensuring transparency and fairness throughout the admission cycle.

o Digital Document Management

The transition to an entirely digital process for document submission and verification has significantly reduced processing times and enhanced the overall efficiency of our admission operations.

4. Postgraduate Admission System

- o UAF developed in-house admission and record software that is playing a core role in the admissions to record data of all incoming and existing students. This application is also capable of calculating merit lists automatically according to the rules. For last 7 years, admission process is being facilitated by this software. For this purpose, ITRCDB launch latest technologies of asp.net core by which any user can access the system at home or office. Admission process and fees of newly incoming students are generated by this system.
- o In 2017, UAF lunched online admission system for postgraduate and PhD Candidates that is capable of taking the applications online along with the required documents electronically for all the campuses of the University of Agriculture, Faisalabad.
- o Through our online system more then 18000+ candidates were register with our online portal and approx. 9500+ unique applications received for the entry test.
- o Below is the graphical view of the statistics of the Postgraduate admission system.



5. Technology & System Integration

Our admission system is built on a modern, robust technological foundation that not only streamlines the admission process but also ensures scalability, security, and high performance. The key components of our technology stack are outlined below:

5.1 In-House Admission Software

- **ASP.NET Core & Web API:**

Our proprietary admission software is developed using ASP.NET Core, which ensures high performance and cross-platform compatibility. Web API services are extensively used to facilitate seamless integration between different modules of the system. This allows for real-time data exchange between the registration portal, entry test modules, and admission processing.

- **Automated Merit Generation:**

The system automatically calculates and updates merit lists based on entry test results and application data. This automation reduces manual intervention, minimizes errors, and ensures a transparent admission process.

5.2 Payment Gateway Integration

- **Secure Bank Integration:**

A dedicated Payment Gateway, developed through robust Web API integration, enables secure fee submission directly to the bank. This system ensures that all financial transactions are processed efficiently and securely, providing real-time feedback to candidates.

5.3 Backend & Database Management

- **MS SQL Server:**

Our backend is powered by MS SQL Server a state of the art database management system that ensures high performance, data integrity, and efficient handling of large volumes of data. The design of our database architecture supports quick retrieval and processing, which is essential for real-time merit calculation and reporting.

5.4 Containerized Infrastructure

- **Scalability & Reliability:**

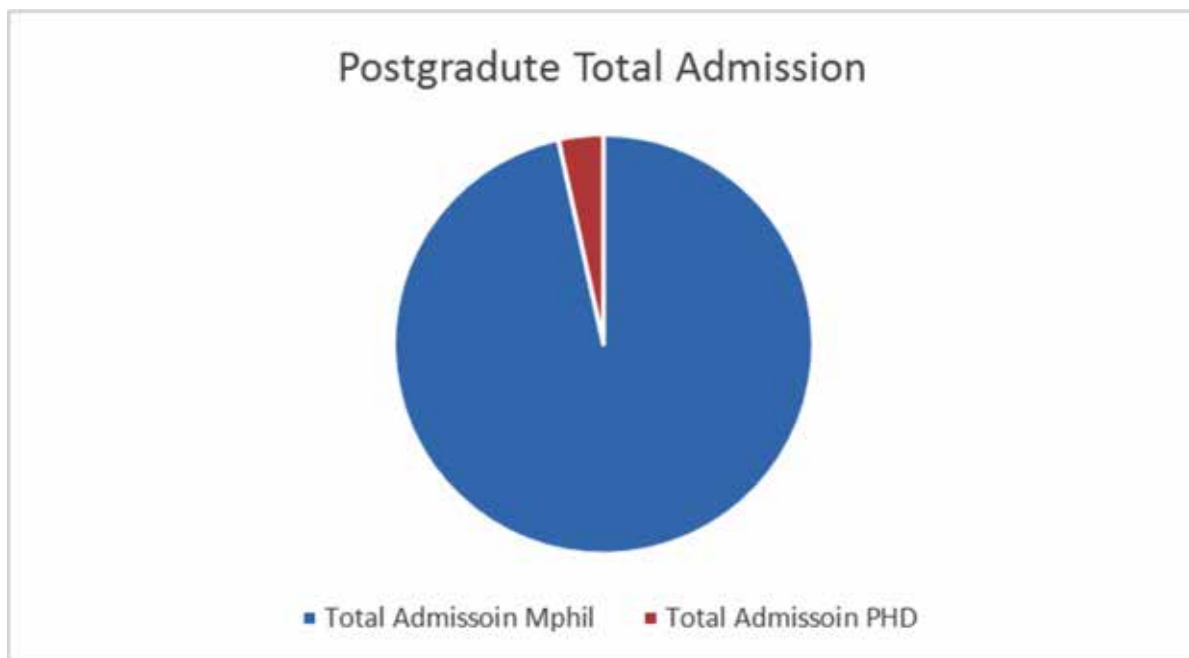
By utilizing containerization technologies, our infrastructure is designed to be highly scalable and resilient. Containerization allows for consistent deployment across various environments, minimizes downtime during updates, and simplifies the management of our microservices-based architecture.

Enhanced Support with Chatbot Functionality

- **AI-Powered Help Desk Chatbot:**

To further improve candidate support, we have integrated an AI-powered Chatbot into our admission help desk. This chatbot is available 24/7 to handle routine inquiries, guide candidates through the admission process, and provide instant responses to common issues, thereby reducing the workload on our support staff and enhancing the overall candidate experience.

Below is the graphical view of the degree program wise breakup of the admission



Admission Help Desk

IT directorate has managing admission help desk for answering questions/queries related to admissions in all categories i.e. Ungraduated, Postgraduate. The candidates can access from phone calls, Email, personally visit and admission cell office.

Online Admission & Record Information System

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Merit Generation system

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Commencement of Online Classes and Online Exam

In wake of the COVID-19 Pandemic, the Government has announced the closure of all academic institution (schools, colleges, universities) in the country. ITRCDB have well instituted and operational LMS, and have commenced or are prepared to begin online lectures. Similarly, data is needed on faculty and students registered on LMS, faculty trained on online teaching and assessment practices, and other requirements to safeguard the quality of learning.

Technical Support: ITRCDB has established a Technical Support Cell to extend all necessary support for the transition to online or hybrid mode of learning. ITRCDB start capacity building process with the help of QEC and trained university faculty for online classes and online examination during the COVID-19 pandemic ITRCDB achieved the objective Protect Health and Lives of all stakeholders including students, faculty members and employed in universities as well as complete the semester in time through online education/examination.

Digital Library & Book Bank Information System

- Robust Library Management software is developed in house to facilitate computerized book record, e-search facility of books, journals and thesis, and track issuance records of books.
- Digital library program from HEC is playing a key role in the availability of electronic resources for the students at UAF. There are couple labs established at the library for male and female students who have access to digital library 24/7. ELIN & Ebrary are the popular ones among the students.
- Process of book issue, Book rents and fine all is controlled by this in-house system

HEC Digital Library Resources

SN	Resource name	Type
1	Wiley	Basic
2	OVID	
3	ASTM	
4	INFORMS	
5	Springer Link	
6	Taylor & Francis	
7	Emerald	Premium
8	Science Direct	

Web Portal

- FTP server is configured by the ITRCDB to cater the staff and faculty for uploading/downloading files.
- Microsoft Cloud services are also being used to share the data within the organization. Data is posted and retrieved through a single sign on process using email credentials.

- Use of E-Calendar is introduced campus-wide that facilitate all the faculty and staff to stay connected and schedule their appointments using electronic method.

Mobile Apps

- UAF launched few android apps in last 4 months that are designed for information distribution and student & staff interaction. UAF campus app helps students to stay tuned with latest news and updates and access to information on few clicks. They are also facilitated with online admission through app, checking merit lists, and many more other options to explore.

Electronic Generation of DMCs, Degrees, and Award lists

- Controller of Examination office is also equipped with in house developed software which is capable of generating DMCs, Degrees, Award list generation and management, subject enrollments of all postgraduate and undergraduate students and result lists generation. Right after the admission of any student of postgraduate or undergraduate, process start from registrations of students till DMC issued is all controlled by in house system and centralized database.

Electronic Printing of Identity Cards

- In 2014, ITRCDB developed an application that is capable of allocating hostel form one central database. Hostel management system is completely capable of storing and maintains hostel wise student records. This system is fully integrated with fee section system and data is limited in access to Fee office for printing of fee vouchers of boarder students. The system stores complete history of all students from the time of admission till degree completion and furthermore it has capacity of credentials-based access by the male and female hostels.
- Recently IT office has updated student identity card on RFID card system with newly standard designs with separation of Boarding and Non-boarding students' categories. This increase the system capability for tracking of students records with RFID system components

Maintenance of Student Records Electronically

- Student Record Branch Information System is capable of maintaining and managing student records electronically.

Electronic Printing of Fee Slips

- Undergraduate and Postgraduate Fee Management System is also major software which is capable of keep track of all fees paid by students in each semester. Fee slips are being generated by using this software automatically for last few years. This software is providing financial management assistance of funds to the treasurer office. With this system, fee vouchers can be printed at department levels. which is completely designed credential based.

Accounts Management System

- IT has developed a system for managing income account where all the dues directly created to university income account. This system managing all type of vouchers such as for students DMC, character certificate, NOC, etc. and for employee's wheat vouchers, income transfer from other banks, parking accounts etc. after submission all type of reports of verified dues also been managed.

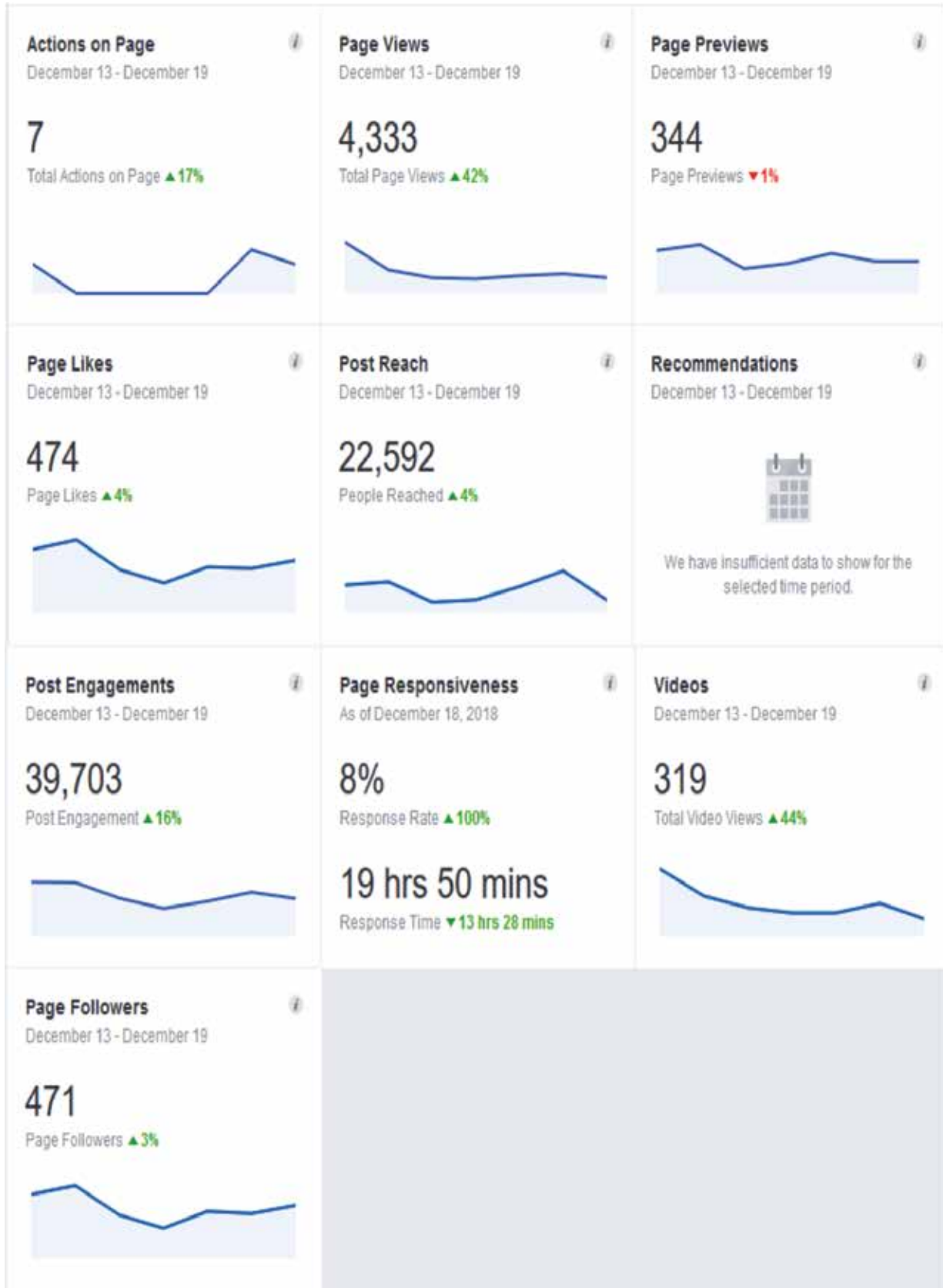
Electronic Hostel Allocation System

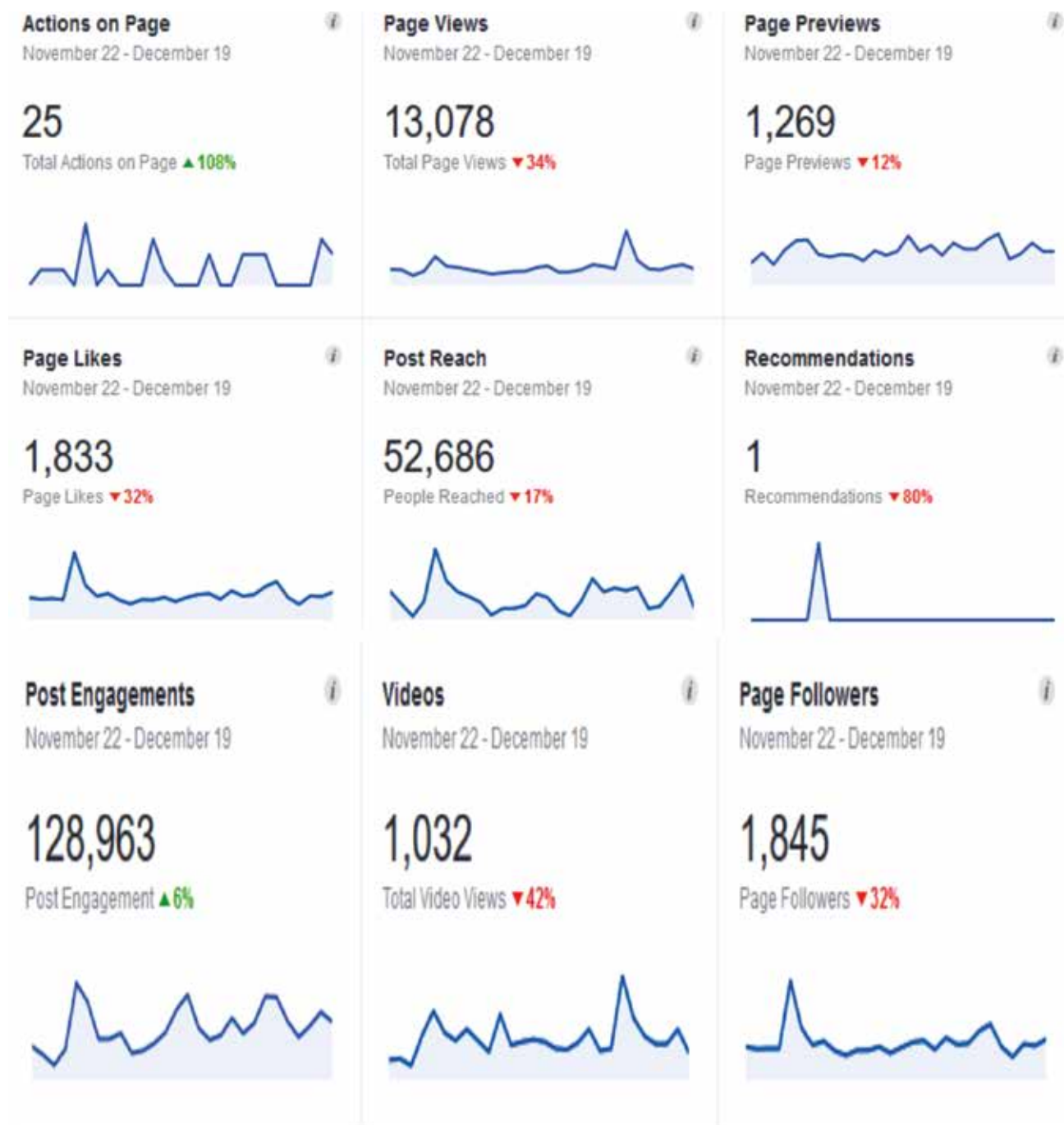
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Social Media and UAF

- Use of Social Media has become a major pillar of campus life. UAF is aggressively working on Twitter, Facebook, LinkedIn, RSS Feed, YouTube University Channel to stay connected with students and global world to help them and provide them information related to campus activities and other News and Information related to campus life. All the news and announcements are broadcast using Twitter, RSS Feed and Facebook pages.
- Both teachers and students are looking at social media as a tool to engage, support, and connect students, teachers, and institutions. Social media is becoming an integral part of life online as social websites and applications proliferate. Most traditional online media include social components, such as comment fields for users.
- Various Pages linked with UAF Official social media page
 - ORIC UAF
 - Department of Theriogenology
 - DFA&UAF
 - Nifsat UAF
 - Department of Biochemistry, University of Agriculture, Faisalabad-OFFICIAL
 - Institute of Horticultural Sciences
 - Directorate of Academics UAF
 - Institute of Physiology and Pharmacology
 - Institute of Animal and Dairy Sciences
 - Dept of Clinical Medicine and Surgery, FVS, UAF
 - Institute of Agricultural and Resource Economics - UAF - Pakistan
 - Directorate of Academics UAF
 - Institute of pharmacy physiology and pharmacology
 - Institute of Animal and Dairy Sciences
 - Dept of Clinical Medicine and Surgery, FVS, UAF
 - Institute of Agricultural and Resource Economics - UAF - Pakistan
 - Mian Shehbaz Sharif
 - Directorate of Students Affairs, University of Agriculture, Faisalabad.
 - Department of Parasitology, FVS, UAF
 - Government of Punjab, Pakistan
 - Department of Public Relations and Publications, UAF
 - Department of Anatomy, UAF

Recent page statistics of viewer traffic, accounts and posts engagement





ITRCDB Web Development and Maintenance

The Centre is also administrating the following websites

- o University website www.uaf.edu.pk which is the richest source of comprehensive and up-to-date information about the campus' life, research, academic activities, academic calendar, documentaries, photo galleries and publications. UAF's website is also facilitating the student, staff and faculty by providing web based catalog interface for Central Library of UAF the end users can search Books, theses and journals effectively & efficiently and also download soft copies of them.
- o In 2015 UAF launched Online Entry Test registration for Undergraduate Program that was capable of taking the application online and facilitate the students.

- o The Department of ITRCDB also launched the online registration for DICE -2015 www.uaf.edu.pk/pages/dicestp1.aspx (Distinguished Innovations, Collaboration & Entrepreneurship). DICE is a strategic initiative of DICE Foundation aimed at fostering innovation culture in the country.
- o A new website for USPCAS <http://uspcasafs.uaf.edu.pk/> has also been developed and managed by the center. U.S.-Pakistan Center for Advanced Studies in Agriculture and Food Security (USPCAS - AFS) is an initiative by USAID. The USPCAS-AFS will serve as a focal point for collaborative research and training among all nodes of agricultural sciences related to food security.
- o www.web.uaf.edu.pk:8010 is providing web-based interface of library management software to provide information of book, thesis and journals available at library online. Students and employees can access this information without visiting library.
- o A web-based forum for current student and alumni www.alumni.uaf.edu.pk has also been developed and managed by the center. It develops a social network of Old and New students and become the centralized platform for current students as well as alumni of UAF to keep in touch with each other. Students/alumni can chat, send email, post jobs and can share old memories with each other by adding other students in their friends list.
- o Online employees repository and papers repository www.repository.uaf.edu.pk also has been developed and managed by this center. These repositories are providing all information about employees and publication so far.
- o www.icdd.uaf.edu.pk is another website that is managed by the center; this site is UAF's consortium with other universities globally to perform research in the field of agriculture.
- o Web section is also managing employees official email system which is hosted on Google servers known for remarkable security and identity theft protection. Employees are encouraged to get their official email IDs to let them communicate with outer world with their official identities.
- o In 2015 Department started to create official email address for the post graduate students, students can now use their official email ids for their research and publications
- o <http://student.uaf.edu.pk> for printing of semester-wise regular fee vouchers from world wide web.
- o Online Books system has introduced, running on following link
- o <http://onlinebooks.uaf.edu.pk/>
- o Employees and journals information is developed by ITRCDB
- o <http://staff.uaf.edu.pk/Login.aspx>

Software Enhancements Projects in Pipeline

- o Virtualized Eco-friendly Data Bank environment
- o Assessment and Initialization towards migration to Cloud
- o Campus Management Solution: Assessment and Deployment of Enterprise Resource Planning (ERP)
- o Deployment of in-house upgraded testing and development environment
- o Deployment of Virtual Learning environment: Instructor-led Online & Self-paced Online
- o Secure data sharing and transfer
- o Introducing and implementing IT policies and procedures
- o Deployment of IT asset management application
- o Online Registration for the university Scholarships

Deployment of Enterprise Resource Planning (ERP) and Campus Management System (CMS)

ITRCDB is in the process to deploy Enterprise Resource Planning (ERP) and Campus Management System (CMS) through HEC funded project titled "Establishment of I.T and Library Infrastructure for new Disciplines of Food and Energy Engineering and Science at University of Agriculture, Faisalabad. Project aims to deploy following SAP S/4HANA based ERP and CoC based Campus Management software modules to automate business functions of University:

SN	Working Domain	Progress Status
1	Enterprise Resource Planning (ERP)	<p>Following achievements have been made under the ICT project regarding implementation of ERP: -</p> <ul style="list-style-type: none"> i. UAF Job portal including scrutiny portfolio has been launched, which is being used for online receipt of applications against Teaching, Non-Teaching and Visiting positions. ii. Payroll of 2,548 Main Campus employees has been successfully executed for the month of May 2023 through SAP based ERP system. iii. Procurement & Inventory management system is operational, whereas issuance of stock from DPIC to all Departments of University has also been automated through ERP. iv. Investment & project portfolio of Endowment system has been automated through ERP system. v. Master Data of 90+ research and 05 development projects have been loaded in ERP, whereas budgeting, release and expenditure portfolio of these projects are under process. vi. Training process for capacity building of UAF staff has been completed.
2	Campus Management System (CMS)	Hardware for "Library Management System" including Security Gate, Self-check Station, Workstations and RFID tags/strips on 150,000 books has been installed under ICT project. Koha software installed, customized, deployed at UAF, which was inaugurated by Minister of Higher Education, Punjab on Sept 21st 2022.
3	Provision of Virtual Desktop Infrastructure Platform (VDI)	Virtual Desktop Infrastructure (VDI) with zero clients has been deployed using WMWare Horizon technologies under ICT project; which is providing virtualized lab services to users. State-of-the-art technology is helpful for CS students to access their softwares through centralized VDI infrastructure. Virtual desktop solution is helpful to University for centralized / simplified management. This solution is not only flexible but also decreasing security risks, improve disaster recovery and help IT staff to troubleshooting issues through centralized management.
4	Enablement of Self-Assessment Report (SAR)	Online portal has been developed under PD (ICT) using in-house resources to facilitate teaching community of University to submit their annual SARs through software.
5	Development of Campus Wide Smart Class rooms	State-of-the-art Interactive 4K "86 inch" touch screens have been deployed in Main Campus & Community College to promote online education for Students. Devices have the capability to work as interactive touch internet enabled screens, as well as SmardBoards which is supporting the Smart Class rooms vision of University.

STRENGTHENING PHYSICAL INFRASTRUCTURE

1. Development Projects (Laboratories, Libraries, etc.)
2. Construction Projects.
3. Research Equipment.

DETAIL OF DEVELOPMENT PROJECTS

SN	Name of Project	Approved Cost	Status
A. ADP FUNDED PROJECTS (2023-24)		(Rs. in Million)	
1	Provision of Lodging Facility to 1000 Female Students	919.853 (PDWP)	On-going
2	Establishment of the Facilitation Center for Day Scholar Girls	269.929 (DDSC)	On-going
3	Establishment of Capacity Building Center (CBC)	231.510 (DDSC)	On-going
4	Scheme for 50 Overseas PhD Scholarships	656.083 (PDWP)	On-going
B. PSDP FUNDED PROJECTS (2023-24)		(Rs. in Million)	
1	Establishment of Pak Korea Nutrition Centre (PKNC) to Improve Child & Community Nutrition (Revised)	4069.953 (CDWP)	On-going
2	Quality Seed Production and Supply to the Farming Community for Ensuring Food Security in Pakistan (Revised)	4518.053 (CDWP) Most	On-going
3	Gene Editing of Biological Agents for Nutritional, Biochemical and Therapeutic purpose (Establishment of National Center for Genome Editing for Crop Improvement and Human Health (NCGE)	500.960 (DDWP)	On-going
4	Establishment of National Center for Big Data & Cloud Computing-Precision Agri. & Analytics Lab. (NCBC-PAAL)	118.935 (CDWP)	On-going
5	National Centre of GIS and Space Applications (NCGSA)/ Agricultural Remote Sensing Lab	74.941 (DDWP)	On-going
6	Establishment of Kamyab Jawan Sports Academies (High Performers & Resources Centers) and Olympics-HEC	448.967 (DDWP)	On-going
C. COMPLETED PROJECTS PSDP/ADP (2023-24)		(Rs. in Million)	
1	Establishment of National Center for Livestock Breeding, Genetics and Genomics (NCLBG&G)	43.143	Completed
2	Strengthening of AMRI Research and Development Capabilities in Collaboration with UAF for the Fabrication of Effective and Efficient Small Agri. Implements for Small Farmers	105.090 (PDWP)	Completed
D. PROJECTS (OUT OF NON-DEVELOPMENT FUNDS) (2023-24)		(Rs. in Million)	
1	Construction of Arts, Culture & Humanities Building at University of Agriculture Faisalabad (A Component of Project Titled "Teaching Block/Arts & Humanities Building")	494.387	Ongoing
2	Construction of Math/Stat Building	280.765	Ongoing
3	Construction of Pharmacy Block	280.536	Ongoing
4	Construction of Farm Display and Lodging Facility (Funded by Endowment Fund Secretariat)	537.513	Ongoing

SN	Name of Project	Approved Cost	Status
5	Installation of 1.5 MW Solar System	194.000	Completed (2024)
6	Construction of 30 Nos. of Residences Near Young-wala, at Main Campus	100.722	Completed (2024)
7	External Development of Student Facilitation Center at PARS Campus	7.019	Ongoing
8	Construction of Motor Pool Near G.P Gate	237.510	Completed (2024)
9	D-Ground Amphitheater	42.733	Completed (2024)

Pictorial Evidence



Provision of Lodging Facility to 1000 Female Students



Near Main Gate

Establishment of Facilitation Center for Day Scholar Girls



Main Campus



3 Nos. (Near U-Gate / PARS Campus / G.P Gate)

Establishment of Capacity Building Center (CBC)





Residential Block

Quality Seed Production and Supply to the Farming Community for Ensuring Food Security in Pakistan (Revised)



ISTA Seed Lab

Establishment of Pak Korea-Nutrition Centre (PKNC) to Improve Child & Community Nutrition



Construction of Arts, Culture & Humanities Building at University of Agriculture Faisalabad (A Component of Project Titled "Teaching Block/Arts & Humanities Building")



Installation of 1.5 MW Solar System



Construction of Math/Stat Building



National Handball Academy and Resource Center





Construction of Motor Pool Near G.P Gate



D-Ground Amphitheater



PROJECTS IN PIPELINE / FUTURE PROJECTS

Rs. In Million

SN	Name of Projects	Total Cost	Duration
1	Establishment of Soyabean Genetics and Seed Supply Chain Center (SGSSCC)	516.266	36 Months
2	Crop Diversification, Germplasm Enhancement and Nursery Distribution	3014.898	36 Months
3	Piloting Industrial Hemp for Multi-Sectoral and Industrial Value Chains	783.660	36 Months
4	Agrifood System Transformation Models for Soil Health and Climate Resilience	790.000	36 Month
5	Establishment of UAF Research Station at Hafizabad	3220.000	36 Months
6	Provision of Missing Infrastructure at UAF Constituent College, Burewala	790.000	36 Months

ESTABLISHMENT OF PAK-KOREA NUTRITION CENTER

The project entitled “Establishment of Pak-Korea Nutrition Center (PKNC) to Improve Child and Community Nutrition” is a joint venture between the Islamic Republic of Pakistan and Republic of Korea (South Korea) with financial support from Higher Education Commission (HEC) and Korea International Cooperation Agency (KOICA). The primary objective of the project is to enhance nutritional status of children, mothers and communities across Pakistan through a multifaceted approach encompassing research, product development, trainings and policy advocacy.

The project has achieved great milestones on its initial stage during the 1st year. The ground-breaking ceremony for the construction of state-of-the-art PKNC building was held on Sept 02, 2022. A dedicated PKNC website and Facebook page along with a YouTube channel has been developed for social media campaigns. In addition, PKNC Survey app has been developed during 1st year of the project. PKNC invitational Training was arranged for the 14 Master Trainers of PKNC, UAF and 20 Master Trainers of Provincial Partners in South Korea. A number of nutrition awareness camps, workshops, conferences and seminars were arranged, and significant advancements have been made in developing nutrient-dense and value-added food products. The PKNC has also been made a chain of Provincial Partners and outreach centers in collaboration with different educational and health care institutions all around the country to support its agenda. There are five provincial partners: 1- Faisalabad Medical University (Punjab) 2- Sindh Agriculture University, Tandojam (Sindh) 3- Karakoram International University (Gilgit Baltistan) 4- Bolan University of Medical And Health Sciences, Quetta (Balochistan) 5- University of Agriculture, Peshawar (KPK) and two outreach centers: 1- Sardar Bahadur Khan Women’s University, Quetta, Balochistan 2- Narowal, Punjab. This initiative not only provided advanced knowledge and skills but also enhanced best practices and innovative international approaches in the field of nutrition.



The construction of PKNC-UAF Building is in its completion phase. This state-of-the-art facility is designed to be a hub for research, training, and community engagement, significantly boosting the project’s capacity to impact nutritional practices and policies nationwide. The construction of this building is covering a great milestone in providing a dedicated space to execute various project activities such as research & development and trainings.

The establishment of a Food and Agriculture Museum/ Agriculture Heritage Museum at UAF is another significant milestone of PKNC project. This museum is designed to preserve and showcase Pakistan’s rich food and agricultural heritage, linking the past with contemporary practices in a meaningful way. It will offer visitors a complete experience that highlight traditional food production methods, cultural significance of

various crops, and the evolution of agricultural practices over time. The construction of Food and Agriculture Heritage Museum is in progress.

Another integral component of the PKNC project is to establish the PKNC Outlet for marketing and distribution of fortified nutritional products developed under PKNC research. The outlet will showcase and commercialize a range of nutrient-dense products developed under the project.



Moreover, PKNC has awarded several Research Grants to national researchers through advertisement for the support of nutrition research agenda and startups. These include five applied research grants, two policy grants, one COVID-19 focused policy grant, and four startup grants.

In the realm of training and capacity building contributing with policy advocacy, the PKNC project has made remarkable strides comprising six thematic Chairs and three Training groups including 1-Clinical Dietitian Training Group, 2-Lady Health Workers Training Group and 3-School Advisor Training Group. The six thematic chairs include, 1- Nutrition & Public Health, 2- Food Fortification, 3- Food Processing, 4- Product Development & Value Addition, 5- Compositional Analysis & Database 6- Policy, Advocacy & Outreach. In the second year, the PKNC has trained thousands of frontline workers to introduce them with preventive nutrition.

PKNC University of Agriculture, Faisalabad (Year 2023-24)

	Total Target	Status
No. of Trainees	2800	Achieved/Trained (3031)
End Beneficiaries	---	31499

Clinical Dietitians Training Group PKNC, UAF has conducted trainings at various institutes to train 1325 Clinical Dietitians. Whereas, Lady Health Workers Training Group PKNC, UAF has conducted numerous trainings to train 766 Lady Health Workers/ Supervisors at various national institutes. Furthermore, the School Advisor Training Group PKNC, UAF has conducted trainings to train 944 School advisors/ Teachers at different educational institutes.

In addition to the trainings by the PKNC-UAF, the master trainers of Provincial Partners are providing trainings in different Urban and Rural areas of Punjab, Sindh, KPK, Baluchistan and Gilgit Baltistan. Notably, each trained person has delivered his/ her knowledge to at least 10 end beneficiaries (children, mothers and community), amplifying impact of training under the project.

Provincial master trainers from Faisalabad Medical University-Faisalabad, University of Agriculture-Peshawar, Bolan University of Medical & Health Sciences-Quetta, Sindh Agriculture University- Tandojam and Karakoram International University-Gilgit Baltistan has trained Hundreds of frontline workers at diverse and undercover areas of Pakistan.

Achievements of PKNC-Provincial Partners	Trainees
The University of Agriculture, Peshawar	300
Bolan University of Medical & Health Sciences, Quetta	
Sardar Bahadur Khan Women's University, Quetta	200
Faisalabad Medical University, Faisalabad	600
Sindh Agriculture University, Tandojam	300
Karakoram International University, GB	200
No. of Trainees	1600
End Beneficiaries	24620

Under the project different Nutrition Awareness Camps, Seminars, Outreach Activities and Workshops has been arranged in diverse cities of different provinces such as:

- 3rd August, 2023: Seminar on "Sustainable School Foods: Challenges and Way Forward" at NIFSAT, UAF
- 9th August, 2023: Formulation of Group of Advocacy Stakeholders on: "Nutrition Under Thematic Chair of Policy Advocacy and Outreach"
- 9th August, 2023: Practical Training Session/Lecture for Female Students (Preparation of Mango Squash) at NIFSAT, UAF
- 16th August, 2023: Session on "Sustainable Use of Soybean to Improve Food Security and Management Malnutrition" at NIFSAT, UAF
- 17th August, 2023: Webinar on "Nexus Between Food, Nutrition and Public Health" Collaboration With Rafhan Maize Product Co. Ltd.
- 22nd August, 2023: Seminar on "Nutritional Security Through Sustainable Food Processing" at NIFSAT, UAF
- 29th-30th August, 2023: Visit of Prof. Dr. Jaehan Kim (Project Manager) at UAF for Monitoring and Evaluation.
- 30th August, 2023: Consultative Workshop of Provincial Partner/Master Trainers With Prof. Dr. Jaehan Kim
- 1-4th September, 2023: Training Workshop on Policy Brief Writing at UAF
- 4th September, 2023: Dietary Survey for Situational Analysis of Iron and Zinc at Allied Hospital, Faisalabad
- 5th September, 2023: World Breastfeeding Week-2023 at FFNHS, UAF
- 18-22nd September, 2023: Five-Day Survey to Analyse the Malnutrition Status Among 6-10 Years Old Children Under Pak-Korea Nutrition Centre (PKNC) Project at Beacon House School System, Faisalabad
- 19th September, 2023: Seminar on "Nutritional Education & Awareness" at NIFSAT, UAF
- 25th September, 2023: Hands-on Training Workshop on "Food Entrepreneurship for Women Empowerment" at Government College Women University, Faisalabad
- 28th September, 2023: Nutritional Assessment and Awareness Camp on "Polycystic Ovary Syndrome (PCOS)" at UAF, New Campus Corridor (NIFSAT Old Building)
- 5th October, 2023: Nutritional Assessment Health Camp at Sweet Home Orphanage, Faisalabad
- 16th October, 2023: Seminar on "Water Is Life, Leave No One Behind" at NIFSAT, UAF
- 19th-20th October, 2023: Nutrition Awareness Camp of PFA at NIFSAT, UAF
- 17th November, 2023: Round Table Discussion: "Sustainable and Self-Sufficient Agricultural System from Food Security in Pakistan"
- 20-23rd November, 2023: Visit of Dr. Jaehan Kim From South Korea at UAF
- 22nd November, 2023: Scientific Committee Meeting at Syndicate Room, UAF

22. 27th November, 2023: 5th All Pakistan Nutritionists Convention at Iqbal Auditorium, UAF
23. 18th December, 2023: Clinical Nutrition and Public Health Awareness Camp at UAF
24. 28th December, 2023: 33rd All Pakistan Food Conference: "Sustainable Approaches In Food And Nutrition Sector to Foster Pakistan's Economic Growth" at Iqbal Auditorium, UAF
25. 5th January, 2024: Revision of Currently Used Menu Plan for The Prisoners in Jail of Punjab at NIFSAT, UAF
26. 24th January, 2024: Seminar on "Grow Your Business with NIC Free Incubation Program" at CAS Auditorium, UAF
27. 25th January, 2024: 2nd National Steering Committee (NSC) Meeting Establishment of Pak-Korea Nutrition Center (PKNC) to Improve Child and Community Nutrition at Vice Chancellor's Secretariat, UAF
28. 29th January, 2024: Hands-on Training Workshop: "Nutripreneurship for Better Health" at NIFSAT, UAF
29. 30th January, 2024: International Seminar on "Peri-Urban Agriculture Options For Food And Nutritional Security" at CAS Auditorium, UAF
30. 1st February, 2024: Training Workshop on "Field Trainers of Survey for Data Analysis" at NIFSAT, UAF
31. 20-21st February, 2024: 2nd PKNC Conference on "Food, Nutrition and Public Health: Food and Nutrition Security Through Innovation Towards a Sustainable Future" at Sindh Agriculture University, Tandojam, Sindh
32. 15-28th February, 2024: Korean Team Visit at UAF
33. 26th February, 2024: Interactive Session of Korean Experts with Community Mothers Followed by Outreach Activity at Chak No. 265RB, Faisalabad
34. 26th Feb-3rd, March: Campaign on "Reducing The Consumption of Ultra-Processed Foods and Sugary Drinks in Collaboration with Panah" at UAF
35. 27th February, 2024: Seminar on "From Farm to Fork: Optimizing Nutritional Value Through Advanced Food Processing" at NIFSAT, UAF
36. 28th February, 2024: Nutrition Awareness Camp for Women of Reproductive Age at Govt. Girls College, Peoples Colony, Faisalabad.
37. 5th March, 2024: Nutritional Awareness Seminar and Free Camp at Children Hospital, Faisalabad
38. 6-7th March, 2024: PKNC Food and Nutritional Festival at UAF (Infront of main library)
39. 8th March, 2024: "Nutritional Health Assessment Camp in connection with International Women Day 2024" at NIFSAT, UAF
40. 9th March, 2024: Nutritional Awareness Camp for Orphanage Children in collaboration with NGO, at APNA GHAR ORPHANAGE, Faisalabad.
41. 9th March, 2024: One Day Clinical Nutrition and Public Health Awareness Camp at Al Khalid Grammar School, Faisalabad
42. 22nd March, 2024: Seminar on "Safety, Quality and Entrepreneur Approaches for Drinking Water" at NIFSAT, UAF
43. 26th March, 2024: Nutrition Awareness Camp at SMART SCHOOL by Policy Chair, Faisalabad
44. 29th March, 2024: Food Waste Workshop at SBKWU Quetta Campus
45. 17th April, 2024: 2nd Meeting of the Scientific Advisory Board (SAB) of PKNC at Vice Chancellor Secretariat, UAF
46. 22nd April, 2024: Seminar on "Food and Nutrition Entrepreneurship: Current Scenario and Future Perspective" at University of Okara, Okara
47. 22nd April, 2024: Seminar on "Preventive Healthcare Strategies for a Healthier Future" at SBK Women University, Quetta
48. 30th April, 2024: Interactive Session with Students Followed by an Outreach Activity at Govt. MC High School, Kotwali Road, Faisalabad
49. 30th April, 2024: International Seminar on "Global Career Aspects for Food Professionals" at NIFSAT, UAF

50. 2nd May, 2024: Nutrition Assessment Camp for Children of Govt. Girls Higher Secondary School 202 RB, Faisalabad
51. 6th May, 2024: One Day Training Workshop on "Food Entrepreneurship from A to Z" at NIFSAT, UAF
52. 6th May, 2024: One Day Training Workshop on "Calcium Fortification to Improve Child and Community Nutrition" at NIFSAT, UAF
53. 7th May, 2024: Workshop on "Baby-Led Weaning: Future of Sustainable Practices in Parenthood" at NIFSAT, UAF
54. 8th May, 2024: Pilot Study on "Food Based School Meal Program Including Children (6-9 Years)" at Junior Laboratory School, Faisalabad
55. 7th – 8th May, 2024: Practical Training on "Kitchen Gardening: A Tool for Food Security & Healthy Lifestyle" at NIFSAT, UAF
56. 14th May, 2024: Outreach activity on "Dietary Survey for Situational Analysis of Iron and Zinc" at Mola Baksh Hospital, Sargodha
57. 16th May, 2024: Nutrition Awareness Camp for Students at Technical Education & Vocational Training Authority (TEVTA) Harianwala Chowk, Faisalabad
58. 17th May, 2024: Policy Dialogue on "Limiting Trans Fats in Food Supply Chain: Policy Options" at NIFSAT, UAF
59. 17th May, 2024: One Day Training Workshop on "Specialized Diets: Opportunities for Nutripreneurship" at Government College University, Faisalabad
60. 20th May, 2024: Nutrition Awareness Camp for Students at Ripha International University, Faisalabad Campus
61. 21st May 2024: Nutrition Awareness Camp for Students at Health 360-The Aesthetic Clinic, Saleemi Chowk, Faisalabad
62. 21st May 2024: Nutrition Awareness Camp for Female Students at Government Girls Elementary School 09 JB, Bholewal, Faisalabad
63. 27th May, 2024: Outreach activity about "Dietary Survey for Situational Analysis of Iron and Zinc" at Hillal-e-Ahmar Maternity Hospital, Faisalabad
64. 28th May, 2024: Outreach activity about "Dietary Survey for Situational Analysis of Iron and Zinc at Sahiwal Teaching Hospital"
65. 27-29th May, 2024: Two-Day International Conference on: "Biodiversity and Biosafety (Technical Session)" at CAS, Auditorium, UAF
66. 3-4th June, 2024: Outreach activity about "Dietary survey for situation analysis of iron and zinc" at Burewala
67. 5th June, 2024: Seminar on "Enhancing Nutrition Through SUN Academia and Research Network" at NIFSAT, UAF
68. 6th June, 2024: Outreach activity about "Dietary Survey for Situational Analysis of Iron and Zinc" at DHQ Hospital, Sahiwal
69. 6th June, 2024: Food Product Development Competition, "Reimagine, Recreate, Relish: The Ultimate Waste to Taste Product Innovation Challenge" at EXPO Center, UAF
70. 7th June, 2024: Cereal Based Food Product Development Competition & Seminar on World Food Safety Day at FFNHS, UAF
71. 7th June, 2024: Visit of H.E. Turkish Ambassador Mehmed Pacacci along with V.C UAF at Functional and Nutraceutical Food Lab at NIFSAT, UAF
72. 26th June, 2024: One Day Training Workshop on "Fortification of Edible Fats and Oils" at NIFSAT, UAF

The research and innovation in recipe development have been pivotal aspect of the chair Nutrition & Public Health, PKNC. Over the past year, significant advancements have been made in developing a range of nutrient-dense, value-added food based school meal program including children with age 6-9 years. The chair has also conducted dietary survey for situational analysis the 400 patients for iron and zinc deficiencies at different hospital of Punjab and also developed and validate food directory 253 recipes for portion size

in Pakistan via standardization of food. These products are tailored to address specific health concerns prevalent in the population, such as micronutrient deficiencies and diet-related chronic diseases.

The chair Food Fortification, PKNC has also achieved significant technological innovations, especially in food fortification. A notable advancement is the homogenization technology and development of 10 fortify products with vitamins A and D, and 6 products of composite flour and food multi-mixes developed ensuring even commercialization/ distribution of 3 essential nutrients. This innovation addresses widespread vitamin deficiencies, improving overall health. The project has also explored coating and dusting techniques to fortify locally available salt and spices with iron and zinc, to combat anemia and other micronutrient deficiencies. This initiative is a part of broader strategy to enhance nutritional food quality supply and encourage healthier eating habits.



The PKNC chair Food Processing, emphasis and working on sustainable food processing technologies that reflects the adoption of innovative techniques with optimized processes such as microwave processing, ultrasonic treatment, and other green technologies. These methods not only enhance the nutritional profile of the products but also contribute to environmental sustainability by reducing energy consumption. The PKNC is further evidenced by the development of biodegradable packaging with industrial partnership which addresses the environmental friendly impact of food packaging.

The chair PKNC Product Development & Value Addition, is working on research initiatives include the conduction of nutrition-related surveys, which have provided valuable data on dietary habits, nutritional status, and food composition across different regions. The chair has developed and commercialized 20 value-added food products in collaboration with mass scale producers and also maintained private partnerships developed for mass scale production of products. This data is crucial for understanding the nutritional landscape of Pakistan and identifying priority areas for food product development and value added products.

The chair Compositional Analysis & Database, is working on the analysis of local food items and also analyzed 150 products/indigenous/fortified foods for nutritional and chemical parameters to make a databank. This databank may use for making dietary guidelines and policy making. Furthermore, for community engagement and public awareness the project has developed a robust online presence in this year, including dedicated PKNC website, mobile application (PKNC Food Composition) including social media pages available for public at play store and app store as the part of social media campaigns, to disseminate information about nutrition and healthy eating.

The chair Policy Advocacy and Outreach, PKNC has been a critical component of PKNC project, aimed at influencing national nutrition policies and programs. The chair/project has trained 34 master trainers from Korea and actively engaged in policy dialogues, bringing together stakeholders from government, academia, industry, and civil society to discuss and formulate strategies for improving nutritional landscape in Pakistan. A notable event was the policy dialogue, which was complemented by the development of comprehensive nutrition-related strategies.

Collaboration with the Food Industry has been a key strategy in the PKNC project, aimed at scaling up the production of innovative nutritional products. PKNC has signed memorandum of understanding (MoU) with Country Plus Foods and WIZTEC Food Solutions.

In conclusion, the second year of the project “Establishment of Pak-Korea Nutrition Center (PKNC) to Improve Child and Community Nutrition” has made significant strides in promoting optimal nutrition and health outcomes in Pakistan. Over the past year, we have successfully implemented a range of initiatives, including capacity-building programs for healthcare professionals, community-based nutrition interventions, and advocacy efforts to inform policy and practice.



CENTER FOR ADVANCED STUDIES IN AGRICULTURE AND FOOD SECURITY (CAS-AFS)

Center for Advanced Studies in Agriculture and Food Security (CAS-AFS) at UAF has been recently designated as a D-8 Research Center by the D-8 Organization. The D-8, also known as Developing-8, is an intergovernmental organization of eight developing countries (Bangladesh, Egypt, Indonesia, Iran, Malaysia, Nigeria, Pakistan, and Turkey) established to improve member countries' position in the global economy, diversify and create new opportunities in trade relations, enhance participation in decision-making at international level, and improve standards of living. CAS-AFS was selected due to its state-of-the-art research and academic resources in the domain of agriculture and food security and its location in the top agricultural institution of the Pakistan.

The center was originally established by HEC with funding from USAID to build capacity in crucially important areas for a sustainable growth in agriculture and food security as per SDG#2. The center worked to improve governance of UAF (training of key persons, development of policy and operational manuals), revamp pedagogy and upgrade research capacity to meet societal needs. Under curricular reforms programs, CAS launched three postgraduate degree programs (Climate Change, Seed Science & Technology, and Human Nutrition and Dietetics) and a short course on One Health. This initiative particularly benefitted students to access higher education on merit and need based as well as capable faculty to conduct innovative research through competitive grants. Through a scholarly exchange program in collaboration with the University of California-Davis and Washington State University-Pullman, the Centre built a cohesive scientific community capable of doing cutting edge research and transfer relevant knowledge and technology to society at large. A fully trained faculty having capability of competitive research and resource mobilization has been placed in the center's new building to serve as a nucleus to initiate interdisciplinary research and training programs related to agriculture and food security. It is ensured that its research agenda meets the client's needs and attracts private sector funding in future to become sustainable. Five chairs were established for addressing the most important areas to address emerging issues in food security.

Utilization of latest advancements in the field of agriculture in D-8 countries is crucial for their sustainability and self-reliance. With unique infrastructure, location, and ongoing activities at CAS-AFS, it can work as an R&D hub to help institutions of D-8 Countries in building their capacity in research, academics, and outreach, and adopt latest technologies and innovations.

CAS-AFS Facilities/Infrastructure

Covering a 56196-sq. ft., the Centre's building is an architectural landmark located in the heart of the main UAF campus. This energy- and space-efficient three-story building houses state-of-the art research and teaching laboratories, fully equipped conference/lecture theatre, advanced computer and electronic labs and a dedicated library. In addition to perform modern teaching and research, the building has the capacity to convene policy dialogues, conferences, and training workshops for stakeholder consultation and broad dissemination of knowledge and technologies. The building houses a whole range of modern equipment for research in focus areas. The following is the list of fully equipped thematic lab under CAS setup:

- | | |
|-----------------------|------------------------------|
| 1. One Health Lab | 7. Transformation Lab |
| 2. Cell and IVF Lab | 8. Cotton Biotechnology Lab |
| 3. Wheat Biology Lab | 9. Precision Agriculture Lab |
| 4. Chickpea Lab | 10. Climate Change Lab |
| 5. Soybean Lab | 11. Central Analytical Lab |
| 6. Tree Pathology Lab | 12. Equipment Repair Lab |

In addition to recently developed resources at CAS, the UAF is a rich source of infrastructure and facilities like experimental farms, greenhouses, Hi-Tech lab, and several equipment present in different departments of faculties. Resources of CAS as well as UAF are readily available for use by every researcher and student. CAS-AFS was developed with an effective management structure with clearly defined roles and responsibilities. It had several dedicated management sections, each headed by a key personnel/Line manager. These sections included Monitoring & Evaluation, Administration, Finance & Grants, Procurement, Communications, and Internal Audit. The USAID built the capacity of each section through professional training courses at LUMS along with development of procedural manuals (HR Manual, Finance Manual, Grants Manual, Procurement Manual, and Internal Audit Manual) which are followed in letter and spirit for all processes at CAS-AFS. It was due to effective management, monitoring and evaluation mechanisms of CAS that the center surpassed in achieving all mandatory targets of the project in the given time frame.

Ongoing Projects

1. ADPC funded High Throughput Crop Monitoring using Computer Vision for Climate Smart Agriculture, Prof. Dr. Sultan Habibullah Khan (Project Director), Dr. Saqib Ali (PI), 2024-2025.
2. MoST funded National Center for Genome Editing (NCGE), Prof. Dr. Sultan Habibullah Khan (Project Manager), Prof. Dr. Muhammad Imran Arshad, Dr. Zaheer Ahmad, Dr. Iqrar Ahmad Rana, Dr. Rizwana Maqbool, PI, 2021-2025.
3. HEC funded Low cost domestic production of Taq Polymerase enzyme for research and diagnostics, Prof. Dr. Sultan Habibullah Khan, PI, April-2024-Oct 2024
4. Genetic and soluble biomarkers of hepatocellular carcinoma and fatty liver disease in human exposed to environmental co-factors. Funded by HEC Pak-France PERIDOT Research Program (Phase-IX) and HEC, Prof. Dr. Muhammad Imran Arshad, PI, 2023-2025.
5. Genomic epidemiology of environmental niches in persistence of Salmonella typhi and mapping community immune patterns of typhoid vaccination. Funded by National Institute of Health (NIH), Islamabad, Prof. Dr. Muhammad Imran Arshad, PI, 2023-2024.
6. Commercialization of lysibody and bacteriophage therapy for drug resistant diseases of public health. National Incubation Center (NIC), Faisalabad, Ignite National Technology Fund, the Ministry of IT & Telecom (MoITT)-Pakistan and Founder Institute USA, Prof. Dr. Muhammad Imran Arshad, PI, 2023-2024.
7. Research and analysis of existing local groundwater and salinity management practices in Khanewal, DG Khan, Sanghar and Umarnot Districts, FAO, Prof. Dr. Asif Kamran, PI, 2024.
8. Institutional dynamism and performance of irrigation systems amid climate, demographic and market changes: cases from Pakistan EFS, Prof. Dr. Asif Kamran, PI, 2024.
9. Climate resilient and adaptive water allocation in Pakistan, CSIRO, Prof. Dr. Asif Kamran, PI, 2024.
10. National Research Program for Universities, - AgroChain- A Wheat and Sugar Traceability Solution using IoT and Blockchain, Grant No.: NRPU-15516, HEC Pakistan, Dr. Saqib Ali, PI, 2023-2025.
11. Endowment Fund, UAF - Development of Intelligent Drone Sprayer Formulation Mobile APP, Grant No. TT144/24, Dr. Saqib Ali, PI, 2024-2026.
12. Establishment of National Center in Big Data & Cloud Computing (NCBC), Prof. Dr. Iqrar Ahmad Khan PI, Dr. Saqib Ali, Prof. Dr. Asif Kamran, Dr. Rana M. Atif, CO-PI - Precision Agriculture and Analytics Lab, University of Agriculture, Faisalabad, Grant: Higher Education Commission, (Granted - 111.2 Million, six years).
13. Development of soybean in Pakistan to reduce the import bills (PM), funded by the Punjab Agricultural Research Board (PARB), Dr. Zaheer Ahmad, Project Manager, 2021-2026.
14. Development of high-yielding, heat resistant, photoperiod insensitive, widely adapted, multipurpose soybean germplasm for cultivation in Pakistan, funded by the Higher Education Commission of Pakistan (HEC), Dr. Zaheer Ahmad, PI, 2022-2025.
15. Accelerating genetic gain in wheat through hybrid breeding in Bangladesh, Ethiopia and Pakistan"

- funded by ACIAR, Australia, Dr. Rizwana Maqbool, PI, 2020-2025.
16. Building the Foundations for a National Plant Diagnostic Network (NPDN) in Pakistan (Funded by USDA), Dr. Zunaira Afzal, PI, Sep 2023-Aug 2025.
 17. Biotechnology and Data Science for Crop Health; a step forward for National Plant Diagnostic and Disease Surveillance Network (Funded by AWB-USA), Dr. Zunaira Afzal, PI, Nov 2023-Oct 2025.
 18. Development of Cost-Effective System for Early Detection of Wheat Rust - Funded by Endowment Fund Secretariat UAF), Dr. Zunaira Afzal, PI, 14 Feb 2024-2026.
 19. MD-TSPM: Thermal Stability Prediction Method for Cancer Associated I-motifs Endowment Fund Secretariat, UAF (EFS), Dr. Aiman Shamim, PI, 2021-2024.
 20. WGS-Sniper: Whole Genome Sequencing Analysis for Potential Drug Targets of Cancer Associated Non-Canonical Secondary Structure Mutations in Pakistan. Higher Education Commission, Pakistan, Dr. Aiman Shamim, PI, 2021- 2025.
 21. Development of low-phytate maize through CRISPR-Cas genome editing. Project-No. PSF-NSLP-877. Funded by the Pakistan Science Foundation (PSF), Islamabad, Dr. Aftab Ahmad, PI, 2022-2025.
 22. CRISPRi mediated tissue specific reduction of gossypol contents in cottonseeds: Project No. PSF/CRP/Constrm-58. Funded by Pakistan Science Foundation (PSF), Islamabad, Dr. Aftab Ahmad, PI, 2023-2025.



ESTABLISHMENT OF PUNJAB BIOENERGY INSTITUTE



To establish bioenergy research systems for facilitating the development of energy energy-scarce sector of the country in general and Agriculture in particular, eleven research and development labs (including one HI-TECH Laboratory) have been established at Punjab Bioenergy Institute (PBI). The laboratory infrastructure established at PBI is one of the state-of-the-art of its kind in the country in the Bioenergy sector.

To launch degree courses and programs in Energy Systems, BSc MSc and PhD degree programs have been launched and approved in 2017, 2019, and 2023, respectively. The undergrad program has recently been accredited at Level-II (The highest accreditation level approved by the Washington Accord) from PEC, while Postgraduate programs are approved by the Higher Education Commission (HEC), Pakistan. A total of 333 students have graduated from the said degree to date.

To develop a bioenergy skill training and outreach program for enhancing self-employment and Poverty alleviation, initially, an awareness program was conducted in 2019, which provided a platform to connect all stakeholders. Moreover, skills and vocational training programs were organized under the Punjab Skills Development Fund (PSDF) for the training of Biogas plant supervisors and technicians for proper installation, operation, and maintenance. The plant supervisors and technicians were physically engaged in the construction and installation of biogas plants so that they are able to construct their biogas plants and for their rural community as well. Now the project infrastructure is completed and regular training programs for all stakeholders shall be executed after allocation of the recurring budget.

To strengthen R&D in energy and environment sectors and the nexus of energy with Agriculture, the establishment of state-of-the-art Laboratory infrastructure, hiring of highly foreign-qualified faculty, collaboration with national and international organizations, bioenergy demonstration plants, hunting of competitive research grants, and trained/skilled human resource development have strengthened the project.

The pilot project of integrated energy for the uplift of the rural areas of Punjab is completed. A hybrid Power plant of biogas/biomass solution (100kW) and solar solution (100kW) has been demonstrated successfully at PBI. The same model is also being replicated in rural areas of Sammundari and Vehari. Solar and biogas are indigenous and especially abundantly available in rural areas of Punjab and Pakistan in general. Punjab is one of the best areas for solar irradiation, coupled with the fact that rural populations have historically and culturally always kept animals for sustenance. The hybrid energy solution would provide electricity to the rural communities. The hybrid plant would supply solar electricity during the daytime, and the biogas generators would support the system during the night. The PC-IV of the project was submitted, and its evaluation is in process.

WATER MANAGEMENT RESEARCH CENTER (WMRC)

Water Management Research Centre (WMRC) is a strategic research and training Centre established at the University of Agriculture, Faisalabad (UAF) to conduct field research and carry out outreach activities to promote efficient and sustainable use of water resources in collaboration with its stakeholders. The Center not only maintained its research impact on the farming community but also expanded its research and collaborative activities from the national to international level.

Vision

The WMRC aspires to be a Centre of excellence in conducting research and providing outreach services on water management problems for improving irrigation efficiency, crop water productivity, environment protection, groundwater sustainability, and mitigate climate change impact on crops and water resources of the country in collaboration with all of its stakeholders.

Mission

The WMRC is dedicated to providing on-farm facilities for conducting field experiments, offering water management skill enhancement courses, and outreaching to the farmers and stakeholders for soliciting their feedback to streamline research on water-related issues to promote on-farm efficient water management practices.

Achievements for the year 2023-24

Field Research Activities

The WMRC team has conducted extensive field research on on-farm water management practices such as laser land leveling, mechanized bed plantation, water course improvement, skimming wells, groundwater recharge techniques, rainwater harvesting water quality and quantity, including studying the impact of climate change on water availability and identifying new technologies for water treatment and conservation in addition to varietal trials of various crops.

During 2023-24, various varietal trials of rice, wheat, soybean, cotton (triple gene), sugarcane, and okra under raised bed mechanized cultivation were carried out last year. In this regard, the Center has filled three elite lines of rice (UAF Rice-1, UAF Rice-2, UAF Rice-3) for registration to the Federal Seed Certification and Registration Department (FSCRD) Pakistan.

Research Projects

Research Grant	Name of PI	Title of Research Project	Duration	Total Funding
NRPU	Dr. Ahmad Waqas, Research Officer	Improving Groundwater Aquifer by Spatio- Temporal Assessment of Groundwater Recharge Potential in Water Scarc Areas of Rechna Doab	01/01/2021 to 31/12/2024	12.00 Rs.

In addition, the WMRC actively participated in different research projects being executed by the faculty members of other relevant departments of UAF because of having state-of-the-art facilities at WMRC for conducting the field experiments.

Postgraduation Research Conducted

SN	Name	Degree	Name of Supervisor	Title	Department	Year
1	Shahid Nazeer 2014-ag-5535	PhD	Dr. Nadeem Akbar	Nitrogen Management Strategies in different Rice Production Systems	Agronomy	2023-24
2	Shawaiz Iqbal 2004-ag-1229	PhD	Dr. Nadeem Akbar	Stand establishment and Weed Management Interventions for Resource Conservation and Enhancing Productivity of Direct Seeded Rice	Agronomy	2023-24
3	Irantha Rathnayake 2021-ag-2824	PhD	Dr. Abdul Khaliq	Appraisal, Willingness and Obstacles on Adoption in Modern Technologies in Wheat Production in Punjab	Agronomy	2023-24
4	Reheem Ullah 2017-ag-9930	MSc	Dr. Nadeem Akbar	Evaluation of Varying Weed Control Measures for Sustainable Wheat Production	Agronomy	2023-24

Patents Filed

SN	Lead Inventor	Title of Invention	Category of IP	National or International	Date of Filing
1	Dr. Ahmad Waqas, Research Officer	Development of Minimum Tillage Maize Planting Machine	Technology	National	23/02/2024
2	Dr. Ahmad Waqas, Research Officer	Development of Bed Planter for Raising Direct Seeded Rice and Wheat on Beds	Product	National	29/01/2024
3	Dr Nadeem Akbar, Professor	Resource Efficient Climate Smart Technology for Rice-Wheat Cropping System of Pakistan	Technology	National	05/03/2024

Community Services and Outreach

Keeping in view the vision of the UAF, the outcomes of the research, being conducted at WMRC is successfully being disseminated among farming communities and professionals from agriculture sector through outreach and extension means

SN	Event	Date of Event	No. of Participants	Major Focus Area	Audience Type
1	Farmer Field Day	11/06/2023	60	Demonstration of DDS- Rice Harvesting on Beds with Kabota Combine Harvester	Farmers & researchers
2	Farmer Field Day	01/12/2023	80	Rice on beds	Farmers & researchers

A number of field visits of the delegations from different public and private sectors have been carried out at the WMRC to enhance the scale of dissemination and commercialization of its developed technologies/ machinery.

Moreover, two (02) short courses were offered at WMRC for capacity building of undergraduate/postgraduate students, progressive farmers, and professionals;

1. Farm water management
2. Determination of irrigation scheduling, and its application

Publications

SN	Title	Year	Name of Authers	Journal Name	Volume	Pages	Impact Factor
1	Reflectance Measurements from Aerial and Proximal Sensors Provide Similar Precision in Predicting the Rice Yield Response to Mid-Season N Applications	2023	Telha H. Rehman, Mark E. Lundy, Andre Froes de Borja Reis, Nadeem Akbar and Bruce A. Linqvist	Sensors	23	1-16	3.4
2	Advances in Sprinkler Irrigation: A Review in the Context of Precision Irrigation for Crop Production	2023	Junaid Nawaz Chauhdary, Hong Li, Yue Jiang, Xuwei Pan, Zawar Hussain, M. Javaid and Muhammad Rizwan	Agronomy	47	1-24	3.7

SN	Title	Year	Name of Authers	Journal Name	Volume	Pages	Impact Factor
3	Unveiling the detrimental effects of polylactic acid microplastics on rice seedlings and soil health	2024	Muhammad Kashif Irshad, Min Woo Kang, Muhammad Aqeel, Wasim Javed,	Chemosphere	355	141771	8.1
4	Efficacy of Fe-BC in enhancing growth, photosynthesis, nutrition, and alleviating the toxicity of Cd and Cr in rapeseed (<i>Brassica napus</i> L.): A tool for managing the environment and attaining sustainable agriculture	2024	Jari S. Al-gethami, Muham-mad Ibrahim, Wasim Javed, Eid H. Alosai-mi, Mu-hammad Kashif Irshad	Environmental Technology & Innovation	36	103789	6.7



CHINESE CONFUCIUS INSTITUTE (CI-UAF)

The Confucius Institute at the University of Agriculture Faisalabad (CI-UAF) serves as an academic, cultural, and scientific bridge between Pakistan and China since its establishment in December 2014 through an agreement with Xinjiang Agricultural University (XJAU), China. Over the years, it has expanded its reach to institutions like Government College Women University Faisalabad, University of Engineering and Technology Lahore, and Karakoram International University Gilgit, benefiting over 18,000 students, faculty, and external institutions. Beyond language instruction, CI-UAF actively promotes cultural exchange through teacher training workshops, Chinese singing, calligraphy, paper cutting, and poetry recitation. Recognized globally as one of the best Confucius Institute testing centers, CI-UAF has successfully organized major events, including fully funded summer and winter camps to China, the Chinese Bridge Competition, the Chinese New Year and Dragon Boat Festival celebrations, and scholarship awareness seminars. The visit of Chinese Consul General Mr. Zhao Shiren further reinforced CI-UAF's impact, leading to the announcement of 10 scholarships. With a commitment to excellence, CI-UAF continues to foster strong educational and cultural ties between Pakistan and China.

OBJECTIVES

1. Teaching Chinese language and providing Chinese language teaching resources
2. Training Chinese language instructors
3. Holding the HSK examination (Chinese Proficiency Test) and tests for the Certification of the Chinese Language Teachers
4. Providing information and consultative services concerning China's education, culture, and so forth
5. Conducting language and cultural exchange activities
6. Other activities with authorization and by appointment of the Headquarters

The summarized details of CI-UAF activities from July 2023- June 2024 are as under:

Basic Level Language Classes (HSK-1+2)

Twelve (12) classes of basic Level Language course (HSK-1+2) were completed benefiting more than 600 students.

Basic Level Language Classes (HSK-2)

Two (2) classes of the Basic Level Course (HSK-2) were completed where more than 100 students were enrolled.

Intermediate Level Language Classes (HSK-3)

More than 150 students benefitted from the three (3) classes of the Intermediate Level Course (HSK-3).

Elective Classes in UAF (CHIN-405)

Chinese language course CHIN-405 was offered as an elective course for the Faculty of Agriculture, Faculty of Agriculture Engineering and Technology, Faculty of Veterinary Sciences, Faculty of Animal Husbandry, Faculty of Food, Nutrition & Home Sciences, and in the Institute of Business and Management Sciences in 30 sections each of about 50 students.

Hanyu Shuiping Kaoshi (HSK) & Young Chinese Test (Chinese Proficiency Test)

- o Eleven (11) HSK tests were conducted from July 2023 to June 2024 at the CI-UAF test center.
- o CI-UAF conducted first ever YCT test in Punjab on 12th May, 2024

Board of Director's Meeting

The 10th BOD meeting of CI-UAF was held on 9th January, 2024, that was in the meeting room of the Vice Chancellor's office at UAF whereas Chinese Dean and Board members from Xinjiang Agricultural University joined virtually.

Events/Competitions

- o CI-UAF was recognized as one of the best testing centers among all Confucius Institutes worldwide. The Chairman, Vice Chairman, and Chinese Dean received a shield at a ceremony in Beijing during December, 2023
- o A two-week fully funded summer camp to China was arranged for around 50 students. They traveled by road, exploring cultural sites and gaining firsthand exposure to Chinese traditions.
- o An online teacher training program was conducted for Chinese language instructors across Pakistan. Participants learned innovative teaching methods and cultural insights to enhance their expertise.
- o A seminar on Chinese scholarships was held on November 27, 2023, where Chinese teachers presented various scholarship opportunities. They provided guidelines on the application process and deadlines.
- o A farewell ceremony was organized for local Chinese teachers departing for their master's studies in China. The event acknowledged their contributions and wished them success in their academic journey.
- o A two-week winter camp was arranged, offering students a fully funded tour to China. They visited famous tourist sites and gained a deeper understanding of Chinese culture.
- o Mr. ZHAO SHIREN, the Chinese Consul General from Lahore, visited CI-UAF on 13th March, 2024 and praised its achievements. He announced 10 scholarships for one academic year as a token of appreciation.
- o The Chinese Bridge Competition was held at CI-UAF, where students demonstrated their skills in singing, calligraphy, and martial arts, showcasing their passion for Chinese culture.
- o The Chinese New Year (Dragon Year) was celebrated at CI-UAF with colorful performances. The Vice Chancellor was the chief guest, and the Chinese Dean virtually hosted the event.
- o The Dragon Boat Festival was celebrated with a special program at NAMWAH Chinese restaurant. Dignitaries from UAF attended, and the event concluded with a traditional Chinese meal.
- o A poster competition on "Chinese Festivals" and "One Belt, One Road" was held on International Chinese Language Day at CI-UAF. The Vice Chancellor distributed prizes to the winners.

OFFICE OF UNIVERSITY BOOKS AND MAGAZINES

OUBM publishes a number of Books/Agricultural Digest /Research Reports/Student Magazine/Pamphlets in both languages Urdu and English. It is a big source of information for local community, farmers and researchers through Zarai Digest, Kisht-e-Nau, Project Reports, Agri. Pamphlets, Brochures, Leaflets, Special Numbers regarding cash crops, livestock, fisheries, fruits and vegetables, baking, poultry etc.

University Outreach Publications

University Outreach Publications	1. Quarterly Zarai Digest	04
	2. Student Magazine Kisht e Nau	0
	3. Pamphlets	0
	4. Books	13
	5. Reports	11
	6. Practical Manual	01

DEPARTMENT OF PUBLIC RELATIONS AND PUBLICATIONS

The Department of Public Relations and Publications (PRP) comprises:

1. Information and Pictorial Publicity Section
2. University Press

The PRP serves as the communication and publication arm of the University, projecting institutional achievements and highlighting the work of scientists, scholars, and students across print, electronic, and social media. The department issues regular press releases, pictorial coverage, and manages publications including the Campus News (weekly), newsletters, brochures, banners, and the University Annual Report. PRP also provides admission information, responds to public queries, and handles official correspondence under the PM/CM Citizen Portals and the Punjab Transparency & Right to Information Act 2013.

MEDIA COVERAGE

IPPS ensures media presence at major university events, facilitating coverage by national and international press and electronic media. It invites TV channels for documentaries, talk shows, and expert interviews, ensuring wide publicity. Comprehensive facilities and professional support are extended to visiting media teams.

UAF FM 100.4 (Radio Station)

The FM Radio section plans, produces, and broadcasts educational, research-based, and awareness content for both the university and the public. Programs include live shows, expert interviews, agricultural guidance, research updates, and public service messages, with special focus on farmers and rural communities. The station strengthens university–community and industry linkages through impactful communication.

PRIME MINISTER & CHIEF MINISTER CITIZEN PORTALS:

PRP serves as the focal office for PM/CM Citizen Portals, ensuring prompt resolution of public complaints in coordination with relevant departments. Responses are provided within stipulated timelines, improving efficiency and policy adjustments where needed.

PUNJAB TRANSPARENCY & RIGHT TO INFORMATION ACT 2013

The department processes requests for university information, securing data from relevant offices and providing timely responses as per legal requirements.

PUBLICATIONS

The University Press produces journals, books, annual reports, calendars, prospectuses, leaflets, and bulletins, many in high demand among academics and the agricultural community. PRP also designs and compiles brochures and banners for significant events.

NEWSLETTER

Distributed to leading universities, agriculture/livestock departments, and media outlets, the newsletter documents student achievements, research breakthroughs, and departmental highlights.

AUDIO-VISUAL LAB

PRP's audio-visual lab produces professional documentaries, event coverage, and promotional videos for academic, research, and outreach purposes. These include HEC-funded projects and co-curricular initiatives.

EVENT MANAGEMENT

PRP organizes and manages university-level seminars, conferences, exhibitions, cultural events and national observances. These events promote public awareness on agriculture, food security, and socio-economic development.

PROTOCOL DUTIES

PRP ensures smooth protocol arrangements for high-level delegations, from reception to guided campus tours, enhancing the university's image.

DOCUMENTARIES

The department produces documentaries showcasing UAF innovations and technologies, benefiting farmers and raising public awareness.

PROSPECTUS & ADMISSION GUIDELINES

PRP compiles and designs undergraduate and postgraduate prospectuses, detailing academic programs, rules, and campus life to guide prospective students.

In 2023-24, PRP enhanced UAF's national visibility, improved community engagement, and maintained excellence in institutional communications, publications, and event management.

CAMPUS NEWS

Published weekly, Campus News reports on academic, administrative, and research activities, including PhD defences, tenders, and important announcements. Special editions highlight major events.

ANNUAL REPORT

Compiled and published per Chancellor's directives, incorporating reports from all faculties and directorates.

DIRECTORATE OF FINANCIAL ASSISTANCE AND UNIVERSITY ADVANCEMENT

1) OFFICE OF THE FINANCIAL ASSISTANCE

Professional and higher studies in Pakistan during the recent years have become very expensive. In view of the increasing expenses day by day, it is becoming very difficult for the poor section of the society to educate their children. Under the such critical circumstances, financial sponsorship of deserving and meritorious students may help to create soothing impact on the community particularly the rural masses and bring a positive and healthy social change in the long run. True to its motto "Education with public spirit and market dynamism" the University has instituted a comprehensive and well-developed scholarship scheme/ Career Services/ University Advancement to extend financial support to the talented but deserving students. We continue to increase its extent and amount in order to meet our obligations. An amount of Rs. 469.00/- million was distributed among 5173 students during 2023-24.

VISION

To provide higher education to the talented, deserving and marginalized segments of the society.

MISSION

To assist students & their families in meeting financial needs for higher education

STUDENT FINANCIAL ASSISTANCE MECHANISM AT UAF

Financial Assistance to meritorious and deserving students is extended in following: -

Scholarship Program: Scholarships are awarded to deserving and meritorious students. Award is based on merit, financial need, or a combination of both merit and need. Scholarships can come from different sources and the awarding criteria may vary. University is awarding 5% merit scholarships to graduate and undergraduate students on CGPA basis.

FEE CONCESSION

1. Tuition fee concession (50%) to 10% students of the class by academic heads of different faculties and institutes
2. Brother/sister tuition fee concession up to 50% on application through the academic heads
3. Fee exemption to disabled persons admitted on disabled quota on application through the academic heads.

INTERNSHIP PROGRAM

An internship is a work-related learning experience for students who wish to develop hands on work experience in a certain occupational field. Most internships are temporary assignments, can be shorter or longer depending upon the program requirements. These may be paid, unpaid or partially paid in the form of a stipend.

Work-Study Program: A form of financial assistance in which students perform work in exchange for money for their education. A number of students are working on various research projects sponsored by HEC/ Government Departments/ organizations. The students are also being hired on hourly basis in different departments of the university. A ratio of 50% of total budget (DPL) was allocated to hire the students for different services in respective departments.

Student Loan Scheme: Students of this University can also apply to National Bank of Pakistan to get interest free loan in order to support their education. Students are facilitated in processing their applications to NBP, University Branch. Some organizations are also extending loan facility to students of UAF. This Directorate is also offering UAF Loan to University students.

Test for Foreign Scholarships

This office has organized GRE mock activities for preparation of international GRE for Fulbright Scholarship and many more. More than 1000 students benefited in these activities.

Miscellaneous Facilities

Facility to deposit dues in installments for financially constrained students and those affected by natural calamities.

SN	Scholarships Source	Nos.	No. of Applications	No. of Awardees	Amount (Millions)
1	Govt. Funded	9	1536	618	76.80
2	HEC Funded	6	7725	3854	357.00
3	UAF	2	197	496	25.20
4	Private Donors	33	1570	205	10.00
TOTAL		50	11028	5173	469

2) OFFICE OF THE UNIVERSITY ADVANCEMENT

The mission of University Advancement is to present a clear, consistent and focused message about the university's mission, goals, priorities and performance to the public and to all stakeholders that will increase public understanding and support for improving the quality and effectiveness of academic programs, research, and services. The office will also be responsible for the design, implementation and management of programs to raise funds for the students of university from different sources other than the Government of Pakistan, with particular emphasis upon the corporate sector, alumni, individual private donors, and international partners.

AIMS & OBJECTIVES

- o Consulting on a regular basis with key stakeholders and staff about priorities, goals and progress in fund raising and university advancement
- o Alumni network database development
- o Monitoring of online registration of Alumni
- o Arrangement of Alumni meetings
- o Arrangement of Donor meetings
- o Proposal Development for Donors
- o Stewardship to Donors

- o Observing international standards of best practice adapted to the Pakistani context
- o Observing a code of ethics that reflect best practices in dealing with donors and supporters
- o Ensuring openness, accuracy, timeliness, efficiency and effectiveness in providing service and support
- o Maintaining complete and accurate records of all transactions and programs

ALUMNI AFFAIRS

UAF Alumni Association is also a growing community and the alumni manager is committed to facilitate the alumni from all parts of the world. Through this online Alumni Association, UAF keeps hailing Alumni updated on the Campus News and the Alumni Events. Alumni will soon be able to locate their fellows, add them to friends list, send and receive messages and browse through alumni events Photo gallery. After joining UAF Alumni Network Association, Alumni will also be able to post success stories, pictures, events and messages.

VISION

The Alumni Association will be a dynamic, member-focused organization, driven by unique values and directed towards meeting the social, intellectual, and spiritual needs of all present and future alumni of University of Agriculture Faisalabad.

MISSION

Keep in touch with your Institution, be in touch with Your Fellows, post your Updated Personal Details, post your Professional Achievements, Provide services and benefits for current students and alumni, and glance through the events and reunions Photo gallery.

STRATEGIC PLAN

The purpose of this plan is to create and put into practice a meaningful set of strategic goals to promote and support the Alumni Association and build perpetual relationships with the University, its alumni, students and friends.

STRATEGIES

This strategic plan concentrates on the following goals:

- o Awareness - to increase awareness of and membership in the Alumni Association through promotion, contact, and collaboration with alumni, students, the community and other University groups
- o Value - to offer valuable programs to promote lifelong relationships with alumni and position ourselves as a "Must contribute" organization
- o Community Service - Giving confidence to alumni to share their knowledge, talents, and resources with the community
- o Family - to give the impression of being after the bonds that connect the UAF family while re-connecting alumni and their families to the University Festivals.
- o Growth - to promote significant growth in membership through creating and developing partnerships and alliances inside and outside the University
- o Support Structure - promote the development of an Alumni Affairs Office to continue the mission of the Alumni Association in time without end. To develop an Alumni Association structure, Board and by-laws.
- o Advancement - Position the UAF Alumni Association to Advance the University.

Alumni Meets Arranged by DFA&UA

The following Alumni Meets are arranged by DFA&UA during the year 2023-2024.

SN	Registration No.	Dated
1	96-ag alumni Meet	November 26, 2023
2	87-ag alumni Meet	December 9, 2023
3	95-ag alumni Meet	December 16, 2023
4	2014-ag alumni Meet	December 30, 2023
5	1967-ag alumni Meet	March 02, 2024
6	70-ag alumni Meet	March 03, 2024
7	86-ag alumni Meet	March 03, 2024
8	73-ag alumni Meet	April 20, 2024

3) CAREER COUNSELING CENTER

Career Counseling Center was established in 2010 as a section of Directorate of Financial Assistance & University Advancement at University of Agriculture Faisalabad (UAF) to produce better employees and better employers using the potential of students and graduates of University of Agriculture Faisalabad and making use of available opportunities in public and private sector thus contributing positively in the development of the country.

VISION

“To develop youth of Pakistan in achieving educational, career & Professional Goals by making use of available opportunities thus contributing positively in the development of the country.”

MISSION

“To become a bridge between the students and the employers for well-judged careers opportunities.”

AIMS & OBJECTIVES

- o Career counselling & guidance of the students.
- o Liaising with Employers.
- o Job Opportunities for students.
- o Conducting trainings for students in the form of workshops & seminars.

ACTIVITY REPORT JULY 2023- JUNE 2024

(i) Job Creation/Recruitment Drives

SN	Company/ Organization Name	Month	Job Positions Title
1	ICI Pakistan – Recruitment Awareness Session	January	Internee/MTO programs
2	Software Productivity Strategist. INC	January	Interns (Sales & Marketing / Technology and Development Department)
3	Programmer Force Lahore	January	Technical Product Associate Business Development Associate Front End Developers Back End Developers Full Stack Developers
4	Mezeen Tea And Mazeen Dairy Farms	January	Agriculture Officers
5	RCA Seeds Khanewal Pak	January	Agriculture Officers
6	Fellowship Opportunity at Pepsico	January	Researchers
7	On- Campus Recruitment Drive Fuji Fresh and Freeze	February	MTO Program
8	Brandon / Dynatuner Lahore	February	Net Developers
9	Shell Pakistan Internship	February	Internee
10	On Campus Recruitment Drive With Eviol Group	February	MTO
11	HBL- Internship Program	February	Agri- Finance Officer Trainee
12	HBL- MTO Program	February	MTO
13	HBL- Accelerate Program	February	Graduate Trainee Officer
14	B.A Enterprise Karachi	February	AM/DM - Sales & Marketing (Male)
15	On-Campus Recruitment Drive - Techpedia	March	App Developer
16	On-Campus Recruitment Drive - Friesland Camtina Limited	March	Interns
17	HBL League Program - 2023	March	Interns
18	Blund Dye Stuff Limited	March	Quality Control Executives
19	Baikhtiar Nowjawan Internship Program	March	Interns
20	HBL- Summer Internship	April	Interns from Agriculture
21	Dubai Islamic Bank Limited	April	Financial Consultants Agri-Finance Officers
22	Super-Gloves Industries	May	Export Manager
23	Strategic Systems International (SSI)	May	Plant Propagation/ horticulture Trainee
24	DHA – Lahore Internship Pro-gram	May	Internee
25	Idgist.com Internship Program	May	Interns
26	On-Campus Drive on Unilever Sales Upskilling Program - XSELL	May	Sale Interns

SN	Company/ Organization Name	Month	Job Positions Title
27	Internship Leading to Job Opportunity in Agricultural Marketing at GR Agro Services, Faisalabad	June	Agriculture Marketing Intern
28	Pak- Qatar Takufl Group – Shariah Complaint Company	June	Interns
29	Almoiz- Internship Program	June	Agri Interns
30	On-Campus Recruitment Drive with Bank Al-Habib	June	Agriculture Finance Officer

Achievements

SN	Month	Title	Resource Person / Trainer / Collaborator
1	January	Learning Alliance School	Art Designer
2	January	Agricultural Mechanization Research Institute (AMRI) - Project	Field Engineers
3	January	Metro (Pvt.) Limited	HR Internee
4	February	World Food Program	IT Solutions Developer
5	February	Green Gold Agri Seeds Ltd	Internees
6	February	Cakes & Bakes Lahore – On-Campus Recruitment Drive	MTO
7	February	Defense Housing Authority	Horticulturist
8	February	Easy Fresh Technologies	Supply Associate
9	February	Pakistan Economic Conference – FCCI	Internees
10	February	Masood Textile limited	MTO
11	February	Walk-in interviews for HBL	Agriculture Officer
12	March	Nayatel On Campus Recruitment Drive	Sales and Marketing Exec.
13	March	On Campus Recruitment Drive with Tara Group	Agri Graduates
14	March	Soneri Bank on Campus Recruitment Drive	Agri Credit Officer
15	April	The Bank of Punjab	RM Agri Grades (OG-III/ OG-II)
16	April	Maxim Agri Pakistan	MTO Program
17	April	Ghazi Brothers Pakistan	Product Mgt. Officers
18	April	Habib Bank Limited	Agri-Business Finance Trainee Program
19	May	Tabeer Enterprises Faisalabad	Logistics Coordinator
20	May	Shell Pakistan Limited	Internship Program Management Trainee
21	May	Punjab Beverages Company Limited	Trainee Environmentalist
22	May	Habib Bank Limited	Student Ambassador
23	May	Rafhan Maize Product Company Limited	Junior Chemist Role
24	June	Master Group of Industries	Sales Promotion Officer
25	June	Beacon Impex Limited	Account/Sales Officers

DIRECTORATE OF SPORTS

Participation of University Students in HEC Intervarsity Championships

- o UAF Volleyball Men team participated in Inter Varsity (Volleyball) championship held at Thal University from 22-24 September, 2023.
- o UAF Athletics Men team participated in Inter Varsity Athletics Men championship held at University of Peshawar from 17-20 November, 2023.
- o UAF Squash Men team participated in Inter Varsity Squash (Men) championship held at NUST Islamabad from 18-22 December, 2023
- o UAF Athletics Boys team participated in HEC Intervarsity Athletics (Men) Championship 2024 from 02-04 January, 2024 at Peshawar University.
- o UAF Rugby Boys team participated in HEC Intervarsity Rugby (Men) Championship 2024 from 08-10 January, 2024 at University of Lahore.
- o UAF Badminton Boys team participated in HEC Intervarsity Badminton (Men) Championship 2024 from 10-12 January, 2024 at National Textile University Faisalabad.
- o UAF Badminton Girls team participated in HEC Intervarsity Badminton (Girls) Championship 2024 from 30 January to 04 February, 2024 at Iqra University Karachi.
- o UAF Football Boys team participated in HEC Intervarsity Football (Men) Championship 2024 from 18-21 February, 2024 at University of Sargodha.
- o Wrestling Boys Team of UAF participated in HEC Intervarsity Wrestling (Men) Championship 2024 from 19-21 February, 2024 at University of Veterinary and Animal Sciences, Lahore. Fahad Nadeem University Student won Bronze Medal.
- o UAF Taekwondo Women team participated in HEC Intervarsity Taekwondo (Women) Championship 2024 from 22-24 February, 2024 at Garrison University, Lahore.
- o UAF Tug of War Men team participated in Inter Varsity Tug of War (Men) championship held at Islamia College, Peshawar from 26-28 February, 2024.
- o UAF Handball Girls Team participated in All Pakistan HEC Intervarsity Handball Championship 2024 from 05-07 March, 2024 University of Sialkot.
- o UAF Chess Girls team participated in Inter Varsity Chess (Girls) championship held at Rawalpindi Women University from 8-11 May, 2024.
- o UAF Football Men team participated in Inter Varsity Football (Men) championship held at Islamia University Bahawalpur from 29-5-24 to 2-6-24
- o UAF Handball boys team participated in Inter Varsity Handball (Boys) Championship held at UAF from 20-24 May, 2024.
- o UAF Football Girls team participated in Inter Varsity Football (Girls) championship held at Islamia University Bahawalpur from 29-30 May, 2024.
- o UAF Hockey team participated in Inter Varsity Hockey (Men) Zone-I championship held at GCU, FSD from 2-4 June, 2024.
- o UAF Hockey team participated in Inter Varsity Hockey (Men) Final Championship held at University of Central Punjab from 6-11 June, 2024

Trials for Admission on Sports Basis

- o Directorate of Sports conducted trials for admission of undergraduate classes on sports basis from 15-18 August, 2024.
- o Directorate of Sports conducted trials for admission of Postgraduate classes on sports basis from 12-13 September, 2024.

University Sports League 2023-24

- o Directorate of Sports organized UAF Sports League of Cricket (Boys & Girls) from 17-20, October, 2023.
- o Directorate of Sports organized UAF Sports League of Football, Basketball & Volleyball (Boys & Girls) from 30-11-2023 to 4-12-24.
- o Directorate of Sports Organized UAF Sports League 2024 Badminton & Taekwondo matches (Boys & Girls) from January 28-29, 2024.
- o Directorate of Sports Organized UAF Sports League 2024 Table Tennis & Handball matches (Boys & Girls) from February 21-22, 2024
- o Directorate of Sports Organized UAF Sports League Taekwondo matches from February 21-22, 2024.

Annual Sports Gala Of Different Departments

- o The Department of Plant Breeding and Genetics organized Annual Sports Gala from 06-08 February, 2024 in collaboration with Directorate of Sports.
- o The Department of Computer Science organized Annual Sports Gala from February 13-14, 2024 in collaboration with Directorate of Sports.
- o The Department of Physics organized Annual Sports Gala from February 19-21, 2024 in collaboration with Directorate of Sports
- o The Department of Physics organized Annual Sports Gala from February 19-21, 2024 in collaboration with Directorate of Sports.
- o The Dean faculty of Animal Husbandry organized Annual Sports Gala from February 22-23, 2024 in collaboration with Directorate of Sports UAF.
- o The Department of Forestry & Range Management organized Annual Sports Gala on 28-02-2024 in collaboration with Directorate of Sports UAF.
- o The Institute of Business Management Sciences (IBMS) organized Annual Sports Gala from February 27-29, 2024 in collaboration with Directorate of Sports.
- o The Department of Botany organized Annual Sports Gala from March 04-05, 2024 in collaboration with Directorate of Sports UAF.
- o The Department of Plant Pathology organized Annual Sports Gala from March 07-08, 2024 in collaboration with Directorate of Sports UAF.
- o The Department of Zoology, Wildlife & Fisheries organized Annual Sports Gala from March 11-12, 2024 in collaboration with Directorate of Sports.
- o The Center of Agricultural Biochemistry and Biotechnology organized Annual Sports Gala from 29-02-2024 to 01-03-2024 in collaboration with Directorate of Sports
- o The Hall Warden organized Annual Sports Gala from 01-02-2024 to 02-02-2024 in collaboration with Directorate of Sports.

Agriversity Scouts Group organized different activities in collaboration with Directorate of Sports

- o Agriversity Scouts group participated in 3rd All Punjab Serat Conference for rovers in collaboration with Directorate of Sports on 2-11-23 held at Lahore.
- o Agriversity Scouts group participated in President Rover Scout Examination 2023 in collaboration with Directorate of Sports on 18-11-23 held at Lahore.
- o Three rover scouts participated in 9th National Desert (Rambler Badge) Hike for rover scouts in collaboration with Directorate of Sports from 20-26 January, 2024. at held at Dirawar Fort, Bahawalpur.
- o Two rover scouts participated in Selection of best rover scout for the year 2023 in collaboration with Directorate of Sports on 24-1-24. at held at Islamabad.

- o One rover scout participated in Meeting of Provincial Council of Punjab Boys Scout Associations in collaboration with Directorate of Sports on 17-2-24.at Lahore.
- o Agriversity scouts organized 51st Annual Function & Camp Fire in collaboration with Directorate of Sports from 23-26 April, 2024 at UAF.

Directorate of Sports organized different sports activities during Spring Festival 2024

- o Basketball Girls
- o Kabaddi
- o Tug of War

Inter-Hostel Sports Gala 2024

- o Inter Hostel Sports Gala 2024 at University of Agriculture Faisalabad
- o Football Boys
- o Tug of War Boys
- o Cricket Match Boys
- o Hockey Match Boys

Other than University Sports Activities

- o Punjab cricket club organized cricket match in collaboration with Directorate of Sports at UAF cricket academy on 22-09-23.
- o MCC Cricket club organized cricket match in collaboration with Directorate of Sports at UAF cricket academy on 13-10-23.
- o Jawad Sports & Cultural Complex organized cricket match Jinnah Institute of Medical Sciences organized cricket matches in collaboration with Directorate of Sports at UAF cricket academy 5-11-23 and 26-11-23.
- o MCC Cricket Club organized cricket matches in collaboration with Directorate of Sports at UAF cricket academy on 10-11-23 and 17-11-23.
- o Jinnah Institute of Medical Sciences organized cricket matches in collaboration with Directorate of Sports at UAF cricket academy from 23-24 November, 2023.
- o The ACE School system organized Sports Gala Jinnah Institute of Medical Sciences organized cricket matches in collaboration with Directorate of Sports at UAF cricket Stadium 2-12-2023.
- o Atiq Ur Rehman cricket club organized cricket match in collaboration with Directorate of Sports at UAF cricket academy on 19-12-23.
- o Pakistan Cricket Club organized cricket matches in collaboration with Directorate of Sports at UAF cricket academy on 17-12-23 and 22-12-23.
- o Prince Gymkhana00 organized cricket match Jinnah Institute of Medical Sciences organized cricket matches in collaboration with Directorate of Sports at UAF cricket academy 25-12-23.
- o Farrukh cricket club organized cricket match in collaboration with Directorate of Sports at UAF cricket academy on 31-12-23.
- o The Chenab Club, Faisalabad organized cricket match in collaboration with Directorate of Sports at UAF cricket academy on 28-1-24.
- o Pakistan Handball Federation conducted training camp for coaching course in collaboration with Directorate of Sports at UAF 12-27 February, 2023.
- o UAF celebrated Olympic Day celebrations at UAF on 20-5-24.

OFFICE OF THE CHIEF HALL WARDEN

University of Agriculture, Faisalabad has a proud history to cater the educational needs of community by inducting students not only from all corners of Punjab but also from other provinces & AJK as well. The UAF boasts the most extensive network of hostels by providing residential facilities to the students (Male & Female). The office of the Chief Hall Warden considers its prime duty to diligently attending to their needs around the clock. Three components are working under Chief Hall Warden i.e. Hall Warden, Male (Main Campus), Hall Warden, Female (Main Campus) and Hall Warden, PARS. There are separate hostels for boys and girls students on the main & PARS campus. There are 29 hostels out of which 11 for boys and 12 for girls at main campus and 1 for boys and 5 for girls at PARS campus. A total of about 9,600 students are residing in these hostels. The hostels are allocated only to the bonafide students of the university subject to the availability of seat. A resident student will have to abide by rules as may be framed from time to time.

The Chief Hall Warden/Principal Officer (Hostels) and respective Hall Wardens may refuse allocation to a student if she/he is not a suitable person to stay in hostel. There is one Superintendent and two Assistant Superintendents in every hostel to resolve the hostel students issues in time. There is messes and canteen in every hostel that provide the quality food to the students at subsidized rates. Furniture items such as charpai, study table, study chair and almira have been provided to the students in each room which has to be returned when the allotment ends. In case of any emergency, ambulance is available 24/7 to facilitate the boarder students. Every year on March 23, a hostel cleaning competition is organized, overseen by a committee of university professors. Following the event, the winners are announced, and cash prizes are awarded to the top three positions. Moreover, sports gala is organized to promote sports and encourage student's activity, in which teams from all hostels are ensured to participate in all the games. Prizes are awarded to the winning team of each event to motivate and encourage them.



TUTORIAL SYSTEM/ART & LITERARY FORUM

Distinctions in National-Level Art and Literary Competitions

- 1- The members of the Debating Club participated in the "6th All Pakistan Muhammad Ali Jinnah Bilingual Declamation Contest & Waris Shah Punjabi Natara 2023" held at Government College University (GCU), Faisalabad, on 11 July 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2017-ag-7222	Syed Muhammad Fuzail Bukhari	BSc (Hons.) Agriculture	Punjabi Serious 3rd Position

- 2- The members of the Rotaract Club participated in the "Joint Rotary Rotaract District Installation 2023-24" held at Pearl Continental Hotel, Lahore, on July 07, 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2018-ag-7481	Sadaf Batool	MSc (Hons.) PBG	Three (3) club memers were selected for the District Council of Rotary International District 3272 FTY 2023-24
2	2017-ag-9086	Muhammad Muaz	MSc (Hons.) Biotechnology	
3	2013-ag-2407	M. Tauseef Tariq	PhD fa P.P	

- 3- The member of Quiz Club participated in the "4th All Pakistan Quiz Competition Quizitive'23" held at University of Gujrat (UOG), Gujrat on 08 August, 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2018-ag-7115	M. Kaleem Usman	MPhil. Microbiology	Quiz Competition 1st Position & Cash Prize 30,000
2	2019-ag-7749	M. Ahmed	BSc (Hons) Agriculture	

- 4- The member of Debating Club participated in the "Bilingual Declamation Contest" held at Government College University, Lahore on 12 August 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2019-ag-5698	Hareem Munawar	BS Chemistry	Urdu Serious 1st Best Speaker Cash Prize 100,000

- 5- The member of Society of Agriculture Writers participated in the "Online Riffat-e-Khayal All Pakistan Literary Competition held on 30 August 2023, at Khyber Medical College. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2021-ag-7535	Maryam Alim	BSc (Hons.) Agriculture	Ashrah 1st Position Picture Captioning 1st Position Andaaz-e-Bayan 3rd Position
2	2021-ag-1955	Ahsan Raza	MPhil Physics	Mushaira 2nd Position
3	2021-ag-8845	Razia Tariq	BS English	Photo Captioning 2nd Position
4	2021-ag-2185	Nimrah Tabassum	MPhil Biochemis-try	Adbi Khatoot 3rd Position

- 6- The member of The Debating Club participated in the "2nd All Pakistan Trilingual Declamation Contest" held at Aleem Medical College, Lahore on 02 September 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1.	2017-ag-7222	Fuzail Bukhari	BSc (Hons.) Agriculture	Punjabi Serious 1st + Gold Medal

- 7- The member of The Debating Club participated in the "24th KEMU All Pakistan Declamation Championship 2023" held at King Edward Medical University, Lahore on 13 September 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2017-ag-7222	Syed M. Fuzail Bukhari	BSc (Hons.) Agriculture	Punjabi 1st Position

8. The members of The Qiraat & Naat Club participated in the "6th All Pakistan Intervarsity Qiraat & Naat Competition" held at University Veterinary Animal Sciences, Lahore on 25 September 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2021-ag-4417	Khansa Faisal	BS HND	Qiraat 2nd Position
2	2021-ag-9714	Aneela Hussain	DVM	Naat 2nd Position

9. The members of The Society of Agriculture Writers (SAW) participated in the "Lahore Debating GAL (LDG)" held at FMH College of Medicine & Dentistry, Lahore on 26 September 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2022-ag-506	Abrar Hassan	MPhil Economics	Urdu Nazm 2nd Position
2	2022-ag-7605	Soban Ahmad	BSBI	Urdu Ghazal 3rd Position

10. The member of The Debating Club participated in the "Lahore Debating Gal (LDG)" held at FMH College of Medicine & Dentistry, Lahore on 25 September 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2016-ag-2483	Sundas Jabeen	PhD Env. Science	Urdu Serious Consolation Prize

11. The members of The Debating Club participated in the "2nd Annual All Pakistan Bilingual Declamation Contest & Punjabi Natara Verbattle 2.0" held at Khawaja Muhammad Safdar Medical College, Sialkot on 5th October 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2016-ag-2483	Sundas Jabeen	PhD Env. Sci-ence	Urdu Serious 2nd Position
2	2021-ag-6638	Zubairia Tasawar	BSc (Hons.) Agriculture	English Humorous 1st Position
3	2017-ag-7222	Syed M. Fuzail Bukhari	MSc (Hons.) Agronomy	Punjabi 2nd Position

12. The members of The Quiz Club participated in the "Quizlympics" held at Fatima Jinnah Medical University, Lahore on 7 October 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2020-ag-9620	Zargham Haider	BS Chemistry	Quiz Competition 2nd Position
2	2021-ag-4108	Zia ur Rehman	DVM	Cash Prize 5,000

13. The member of The Debating Club participated in the "COMSATS All Pakistan Bilingual Declamation Contest, CAPDC'23" held at Comsats University, Lahore on 13 October 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2019-ag-5698	Hareem Munawar	MPhil Chemistry	Urdu Serious 2nd Position
2	2022-ag-4003	Rameen Fatima	BSc (Hons.) Microbiology	English Humorous 3rd Position

14. The members of The Virsa Music Society (VMS) participated in the "Aleempiad" held at Al-Aleem Medical College Ferozpur Road, Lahore from 16-19 October 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2018-ag-6572	Syed Umar	MSc (Hons.) PP	Runner up & Cash Prize 2,000
2	2020-ag-3707	Usman Javed	BSc (Hons.) Agriculture	
3	2020-ag-5326	M. Moiz	BSBI	
4	2020-ag-4718	Omer Riaz	BSc (Hons.) Agri. Engg	
5	2020-ag-3713	Abdullah Shahbaz	BSc (Hons.) Agriculture	
6	2021-ag-8705	Ali Raza	BS Chemistry	

15. The member of The Debating Club participated in the "43rd All Pakistan Allama Muhammad Iqbal Bilingual Declamation Contest 2023" held at Government College University, Lahore from 6-7 November 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2019-ag-5665	Ramisha Yasin	MPhil Chemistry	English Serious Consolation Prize

16. The member of The Debating Club participated in the "43rd All Pakistan Allama Muhammad Iqbal Bilingual Declamation Contest 2023" held at Government College University, Lahore from 6-7 November 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2019-ag-5698	Hareem Munawar	BS Chemistry	Urdu Serious Consolation Position

17. The members of The Debating Club participated in the "TNVMUN'23" held at National Law College, Rawalpindi from 10-12 November 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2021-ag-6642	Nabil Afzal	BSc (Hons.) Agriculture	Honorary Mention
2	2021-ag-6638	Zubairia Tasawar	BSc (Hons.) Agriculture	Honorary Mention
3	2021-ag-4217	Usama Iqbal	Pharm-D	Honorary Mention

18. The member of The Debating Club participated in the "Speak for Prophet (PBUH) 5" held at National Textile University, Faisalabad on 29 November 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2020-ag-4860	Muhammad Abuzar	BSc Textile Technology	Urdu Serious 3rd Position

19. The members of The Debating Club participated in the "AIC Annual Mun Conference 24" held at Lahore College Women University, Lahore on 19 December 2023. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2016-ag-2483	Sundas Jabeen	PhD Environmental Science	Urdu Serious 1st Position & Gold Medal Runner up Trophy
2	2020-ag-4729	Ali Husnain	BSc Agriculture Engineering	Urdu Humorous

20. The members of Virsa Music Society participated in the "LUMS Music Fest'24" held at Lahore University of Management Sciences, Lahore from 12-14 January, 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2018-ag-6572	Syed Umar	MSc (Hons.) PP	Eastern Solo & Rap Battle 2nd position in Eastern Singing
2	2020-ag-6537	Muhammad Adan	BSCS	

21. The member of The Debating Club participated in the "Angels International College Model United Nation Conference 24" held at Angels International college, Faisalabad from 26-28 January 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2022-ag-7263	Karam Ali	BSc (Hons.) Agri-culture	Model United National Honorary Mention Award

22. The members of The Debating Club participated in the "UVAS Debating Society" held at UVAS, Ravi Campus, Pattoki on 29 January, 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2017-ag-7222	Syed M. Fuzail Bukhari	MSc (Hons.) Agronomy	Punjabi Serious 1st Position
2	2022-ag-4003	Rameen Fatima	BSc (Hons.) Microbiology	English Humorous & Urdu Serious 2nd Position (10,000) & Team Trophy
3	2019-ag-5698	Hareem Munawar	MPhil Chemistry	

23. The members of The Quiz Club participated in the "Azm-E-Aalishan" held at Pakistan Television (PTV) Center, Lahore, from 14-18 February, 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2021-ag-4108	Zia ur Rehman	DVM	Quiz Competition 1st Position Cash Prize 20,000
2	2020-ag-4524	Haroon Raza	BBA	

24. The member of The Debating Club participated in the “UET MUN VII” held at University of Engineering & Technology, Lahore, from 16-18 February 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2021-ag-6642	Nabil Afzal	BSc (Hons.) Agriculture	Model United Nations Outstanding Delegate Award

25. The members of The Quiz Club participated in the “Taakra 2024” held at University of Central Punjab, Lahore, on 29 February 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2020-ag-9620	Zargham Haider	BS Chemistry	Quiz Competition
2	2018-ag-7115	Muhammad Kaleem Usman	MPhil Microbiology	3rd Position Cash Prize 5,000
3	2021-ag-7418	Noor Fatima	BSc (Hons.) Agriculture	

26. The members of Society of Agriculture participated in the “Online Sareer’24” All Pakistan Literary Competition by Institute of Space Technology on 05 April 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2021-ag-7535	Maryam Alim	BSc (Hons.) Agriculture	Urdu Mazmoon & Adbi Khat Winner
2	2021-ag-8784	Tehreem Arshad	BS Chemistry	English Article Runner Up

27. The members of Society of Agriculture participated in the “ARY Digital & Bol TV, Quiz, Debate & Bait Baazi Competition” held at ARY Digital Studio, Karachi, from 1st Ramadan to 30 Ramadan, 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2021-ag-1955	Ahsan Raza	MPhil Physics	Bait Bazi
2	2021-ag-9068	Sai fur Rehman	BS Physics	2nd position

28. The members of Quiz Club participated in the “Ramadan Quiz Competition” held at Pakistan Television Center (Ptv), Lahore, on 15 March 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2021-ag-4108	Zia ur Rehman	DVM	Quiz Competition
2	2020-ag-9620	Zargham Haider	BS Chemistry	1st Position & Won Smart Watch

29. The members of Debating Club participated in the "All Pakistan Debate Competition-2024" held at University of Engineering & Technology, Taxila, from 22-23 April 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2020-ag-6230	Iqra Nadeem	BS BI	Urdu Humorous 2nd Position
2	2022-ag-7299	Muhammad Mubashir	BSc (Hons.) Agriculture	Urdu Serious 3rd Position

30. The member of Debating Club participated in the "" held at University of Engineering & Technology, Taxila, from 22-23 April 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2022-ag-4151	Muhammad Bilal Rafiq	BSc Agricultural Engineering	Urdu Nazam 1st Position
2		Soyal Zafar		English Humorous 1st Position

31. The members of Debating Club participated in the "All Pakistan Debating Championship 2024" held at Fast National University, Faisalabad Chiniot Campus, from 26-28 April 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2017-ag-7222	Syed M. Fuzail Bukhari	MSc (Hons.) Agronomy	Declamation Urdu Serious
2	2020-ag-6230	Iqra Nadeem	BSBI	1st Position Team Trophy Cash Prize 10,000

32. The members of Virsa Music Society participated in the "Daira'24 Music" held at Fast National University, Faisalabad Chiniot Campus, from 26-28 April 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2021-ag-7404	Arooba Shehzadi	BS Education	Eastern Solo 1st Position
2	2021-ag-8705	Ali Raza	BS Chemistry	Eastern Solo 3rd Position

33. The member of The UAF Mecia Club participated in the "Daira'24 Music" held at Fast National University, Faisalabad Chiniot Campus, from 26-28 April 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2020-ag-8858	Muzammil Javeed	BSc (Hons.) Microbiology	Photography 1st Position
2	2020-ag-9647	Waleed Rashid	BSIT	Cash Prize 20,000/-

34. The members of Debating Club participated in the “Khateeb 2.0” held at University of Management & Technology, Lahore on 04 May 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2023-ag-6083	Fatima Abid	BSc (Hons.) Agriculture	English Humorous, Urdu Serious Runner up & Team Trophy
2	2019-ag-5698	Hareem Munawar	MPhil Chemistry	

35. The members of Debating Club participated in the “5th South Punjab Bilingual Declamation Contest 2024” held at MNSUA Agriculture, University, Multan on 07 May 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2022-ag-4003	Rameen Fatima	BSc (Hons.) Microbiology	English Humorous 3rd Position
2	2020-ag-4729	Ali Husnain	BSc (Hons.) Microbiology	Urdu Humorous 3rd Position

36. The members of Society of Agricultural Writers participated in the “Bol’24” held at UET, Faisalabad, on 07 May 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2022-ag-4151	Bilal Rafiq	BSc Agri. Engg	Urdu Ghazal 2nd position
2	2021-ag-4880	Hamza Hassan	BS Forestry	English Essay 1st Position
3	2020-ag-9356	Ammara Bibi	BS Chemistry	Urdu Mazmoon 1st Position
4	2022-ag-506	Abrar Hasan	MPhil Economics	Hamd Nazam 2nd position

37. The member of Debating Club participated in the “9th Ibn-E-Sina All Pakistan Literary & Debating Championship” held at Faisalabad Medical University, Faisalabad, on 13 May 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2022-ag-4025	Ayesha Shehzad	BSc (Hons.) Microbiology	English Serious 3rd Best Speaker

38. The members of Society of Agriculture Writers participated in the “2nd All Pakistan Literary Competitions” held at Arid University, Rawalpindi, on 22 May 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2021-ag-1955	Ahsan Raza	MPhil Physics	Bait Bazi, Nazm & Ghazal
2	2022-ag-4151	Muhammad Bilal Rafiq	BSc Agri. Engg.	1st Position

39. The member of Debating Club participated in the "3rd All Pakistan Trilingual Declamation Competition", held at Al-Aleem Medical College, Lahore, on 29 June 2024. The details are as under:

SN	Regd. No.	Name of Student	Class	Distinction
1	2019-ag-5698	Hareem Munawar	MPhil Chemistry	Urdu Serious Consolation Prize

IN HOUSE ACTIVITIES/ACHIEVEMENTS

SN	Name of Activities
1.	The Rotaract Club of UAF organized a session about empowering youth through skill development <ul style="list-style-type: none"> on zoom meeting on 15th July 2023 from 9 to 10 PM.
2.	REPORT FOR THE TRAINING SESSION FOR CLUB OFFICERS The Rotaract Club of UAF organized a training session for club officers <ul style="list-style-type: none"> on 20th July 2023 from 7:30 to 9:00 PM At Google Meet.
3.	The Office of the Senior Tutor, Public Relation and Publications Office (PRP) in collaboration with Majlas-e-Roomi-o-Iqbal organized the "Allama Iqbal Thoughts & Pakistan's Defence" at Iqbal Auditorium, University of Agriculture, Faisalabad on September 06, 2023. Guest speaker Mr. Qayum Nizami, Chief Guest Prof. Dr. Iqrar Ahmad Khan (S.I, H.I), Vice Chancellor, UAF & Guest of Honor Dr. Shoukat Ali, Senior Tutor.
4.	<ul style="list-style-type: none"> Host Club Name: YPDC-UAF (Young Peace and Development Corps-UAF) Date of Event: September 11, 2023 Seminar Name: An informative session on Global Undergraduate Exchange Program (UGRAD) 2024 Venue: New Senate Hall Guest Speakers: Mr. Aamir Zahoor (Sweden Graduate), Ms. Rida Azam (UGRAD-Alumni), Mr. Usman Ahmed Abid (UGRAD-Alumni), Ms. Maham Zafar (UGRAD-Alumni), Miss Hijab Naqvi (Selected UGRAD Spring 202 Candidate)
5.	<ul style="list-style-type: none"> Name of the Club: ROAD SAFETY CLUB Event held on: 26/09/2023 Name of the Seminar: "National Highways and Motorway Police Road Safety Awareness Session" Venue: New Senate Hall, UAF Chief Guest: Senior Tutor-Sir Shoukat Ali, In Charge RSC-Bahadur Ali Kang Speakers: Usman Shabbir (In Charge Road Safety Awareness Unit M4), Atika Jami.

SN	Name of Activities
6.	Name of the forum: CSS FORUM UAF The event was held on: 27-09-2023. Title : "English Essay, English precis, and composition." Venue: New Senate Hall, UAF Speakers Miss. Noor-ul-Huda
7.	PHOTOGRAPHY TRAINING WORKSHOP BY NIKON PAKISTAN-CAMTRONX UAF Media Club, September 28, 2023, New Senate Hall Guest Speakers: Mr. Bilal Shah, Mr. Mazhar Quraishi, Mr. Zubair Qutab, Mr. Muhammad Ahmad, Mr. Rameez Hafeez
8.	Seminar on " <i>Quran aur Sunat ki Roshni mein Muashry mein Bardashat k Rujhanat</i> " Character Building Society on 3rd October, 2023
9.	Rotaract Club of UAF under the Office of Senior Tutor organized a GASTROENTERITIS AWARENESS SESSION TITLED "GUT WARRIOR" on October 12, 2023,
10.	Membership Desk to motivate the new university students to participate in Clubs/Societies activities of this office. There is Nineteen Clubs/Societies/Forum and Nineteen Desks were arranged at corridor near the lobby of Iqbal Auditorium from October 17-18, 2023.
11.	The Quiz Club under Office of the Senior Tutor, University of Agriculture, Faisala-bad to organized "Quiz Competition on Rahmtullilaalmeen (PBUH) on 23-10-2023 in the STO Building Hall No.01.
12.	POLIO AWARENESS SEMINAR By Rotaract Club of UAFr on 24 October 2023 in CAS Auditorium
13.	The Art Club organized a Painting Competition on 03-11-2023 at The Art Studio.
14.	On November 07, 2023. Topic: "Fikr e Iqbal or Hamary Nojwan" Guest Speaker: Walid Iqbal Venue: CAS Auditorium Organized by Character Building Society
15.	WEBINAR ON SMOG; THE BATTLE TO BREATHE Organized by Rotaract Club on November 9, 2023
16.	UAF Radio Club organized a training workshop on 22nd of November, 2023 at New Senate Hall.
17.	The Character Building Society organized a Seminar on " <i>Behreen Mashra Sazi mein Nojwan Nasal ka Kardar</i> " on 20-11-2023 in the Iqbal Auditorium, Mr. Raja Zia ul Haq, Potential Speaker & Dr. Shoukat Ali, Senior Tutor as Guest of Honor.
18.	Young Peace and Development Corps-UAF Host Club Name: YPDC-UAF (Young Peace and Development Corps-UAF) Date of Event: November 22, 2023 Seminar Name: The Scholarship Symposium Venue: CAS Auditorium-UAF Guest Speakers: Mr. Aamir Zahoor (Sweden Graduate), Mr. Waqar Akbar Khan (Assistant director DFA), Mr. Danish Ahmad (Erasmus Mundus Master Program Graduate), Mr. Sharoon Nirdosh (Selected for Rome scholarship), Miss Milqa Tariq (IELTS certified professional), Mr. Irantha Ranthnayke (Accomplished PhD Scholar at UAF)
19.	Road Safety Club organized "Orientation SEMINAR ON WOMEN DRIVING SCHOOL" was held on 22-11-23 CAS Lecture Theater, UAF
20.	Agritourism Club UAF under Office of the Senior Tutor, University of Agriculture Faisalabad, organized a Kapas Mela on 23-11-2023 in the D-Ground, UAF. Chief Guest Prof. Dr. Iqrar Ahmad Khan, (SI, H, I) Vice Chancellor.

SN	Name of Activities
21.	Society of Agricultural Writers (SAW) under Office of the Senior Tutor, University of Agriculture Faisalabad, organized a Taqreeb-e-Ronumall of Book Conversations with my Father of Muneeza Hashmi on 23-11-2023 in the CAS Auditorium, UAF. Chief Guest Prof. Dr. Iqrar Ahmad Khan, (SI, H, I) Vice Chancellor.
22.	The UAF MEDIA CLUB, FreelancingClub and Entrepreneurship Club organized a seminar Freelancing and the IT Revolution on November 28, 2023 at Iqbal Auditorium, Guest Speakers: Mrs. Mehwish Zara Khan (CEO of BVlogic Business Hub) Syed Aun Bukhari (Founder of Birdview Logic) Mr. Danish Ilyas (Sr. Sales Manager of BVlogic Business Hub) Miss Shanza Arshad (Sr. Business Development Manager of BVlogic Business Hub)
23.	THE FREELANCING & IT REVOLUTION SEMINAR with BV LOGIC" On 28th November, 2023 Media, Freelancing Clubs in collaboration with The Entrepreneurship Club a seminar for students and aspiring freelancer to learn about the endless opportunities and strategies how to become a successful freelancer. The event took place at the Iqbal Auditorium at 11:00 am. The event started at 11:15 am. More than 200 people registered for the seminar and 180 people attended it
24.	The Rotaract Club under Office of the Senior Tutor, University of Agriculture Fai-salabad, organized a official Visit of District Rotaract Representative (DRR) or Ro-tary District 3272 (Punjab & KPK) Mr. Ali Raza on 04-12-2023 in the ORIC Hall.
25.	The UAF Media Club under Office of the Senior Tutor, University of Agriculture Fai-salabad, organized a Photography Workshop by Mr. Asmar Hussain, Brand Amba-sador Sony Middle East on 04-12-2023 in the New Senate Hall.
26.	The UAF Media Club organized a Photo Exhibition "The Art of Scenery" by Mr. Asmar Hussain on December 5-6, 2023, at Expo Center, UAF.
27.	The Art Club under Office of the Senior Tutor, University of Agriculture Faisalabad, organized a In-House Visuals Arts And Performing Arts Competitions on 04-12-2023 in the STO Building.
28.	Seminar Held on December 05, 2023. Topic: "Roshni Ka Safar" Guest Speaker: Dr. Rasool Bakhsh Rais By Character Building Society
29.	The Society of Agricultural Writers (SAW) under Office of the Senior Tutor, Univer-sity of Agriculture Faisalabad, organized a Annual Mushaira on 05-12-2023 in the Iqbal Auditorium.
30.	The Quiz Club under Office of the Senior Tutor, University of Agriculture Faisala-bad, organized an In-House Braindom' 23 Quiz Competition on 08-12-2023 in the New Senate Hall.
31.	The Rotaract Club of UAF, RID-3272, organized a "Dialogue on Global Certifica-tion for Agriculture graduates" on 11 December2023 at CAS Auditorium, UAF from 09:00 am to 1:00 pm.
32.	UAF Radio Club organized an In-House Competition on 11-12-2023 at STO Hall No.
33.	The Character Building Society organized a Character Day on 12-12-2023 in the STO Building. Chief Guest Dr. Rana Nadeem Abbas, Director of Student Affairs & Dr. Shoukat Ali, Senior Tutor as Guest of Honor.
34.	The Debating Club organized a Zaoq-e-Bayan In-House Competitions Declamation and Parliamentary from 11-12-2023 to 12-12-2023 in the STO
35.	IN-HOUSE QIRAAT&NAAT CLUB SEERAT-CHAIR COMPETITION 2023-24 13-12-2023 STO Hall-1
36.	"ZINDIGI PRIZE - BUSINESS IDEAS COMPETITION (ROUND ONE)" organized by The Entrepreneurship Club on Thursday, 14th December, 2023 at 10:30 am; at the STO HALL #1

SN	Name of Activities
37.	The Rotaract Club of UAF, RID-3272, organized an Awareness Session, "Prevention is Sweet, Stop Diabetes," along with a Free Diabetes Screening Camp on Thursday, December 14, 2023, at the New Senate Hall, UAF.
38.	The Senior Tutor Office, University of Agriculture Faisalabad, arrange an official Visit of Ms. Henna Kaushal, Expert Human Right from USA "Interaction Session on Human Rights and Social Justices" on 03-01-2024 in the Syndicate Room.
39.	UAF Young Peace and Development Corps (YPDC) under Office of the Senior Tutor, University of Agriculture Faisalabad, arrange a "Mastering Emerging Skills to Secure Scholarships and Jobs in European Universities" on 11-01-2024 in the CAS Auditorium. Guest Speaker: Dr. Muhammad Aammar Tufail, PhD Data Science in Agriculture, PostDoc at University of Kiel, Germany. Ms. Fatima Anjum, PhD Scholar at TU Dortmund University, Germany. Dr. Waqar Baig, Funder Scholarship Network.
40.	The Rotaract Club under the Senior Tutor Office to organize a Nutrition Camp in collaboration with the Parent Rotary Club, Faisalabad and Guiltless Pleasure Eat-ing, Free Nutrition Camp at Surriya Majeed Hospital, Narwala Road, Faisalabad on 24-01-2024
41.	The Character Building Society (CBS) under the Senior Tutor Office to arrange the following CBS Seminar, "RURAL WOMEN LITERACY AND ROAD TO CHANGE" BY: MISS. SHAHEEN ATIQ-UR-REHMAN, Formal Minister of Social Welfare, Women Development and Bait-ul-Mall on 24-01-2024
42.	Report of Stay Safe and Camping Training To achieve our primary objective, to empower university girls and young women a training (Stay Safe) was organized by Girl Guide Forum at the University of Agriculture, Faisalabad. This event dated January 30 to February 2, 2024 was four days event. The respected trainers Madam Saba Shahab (Deputy Director Training), Madam Zahra Sehar(Project Secretary)from PGGA and Sir Muzammil from Rescue 1122 gave all trainings. The training includes sessions about sensitive issues like workplace harassment and abuse.
43.	The Various Clubs under Office of the Senior Tutor, University of Agriculture, Faisalabad organized a "Kashmir Solidarity Day on 05-02-2024, celebrate in the New Senate Hall and walk Clock Tower to Admin Block. Chief Guest Prof. Dr. Iqrar Ahmad Khan (SI,HI) Vice Chancellor, UAF & Dr. Shoukat Ali, Senior Tutor Guest of Honor.
44.	The Rotaract Club under the Senior Tutor Office and Institute of Home Economics to jointly organize a Seminar on 13-02-2024 at New Senate Hall, University of Agriculture, Faisalabad, on "HOLISTIC PERSONAL GROOMING A ROAD TO SUCCESS" By: Prof. Kanwal Ameen, Former Vice Chancellor, University of Home Economics, Lahore.
45.	The Office of the Senior Tutor, University of Agriculture, Faisalabad Various Club Societies to organized the 9th Lyallpur Art & Literature Festival-2024 held at UAF from March, 03 to March 07, 2024, In this festival, the students' teams from various Educational Institutes across Pakistan participate in the various competitions regarding Arts and Literature etc.
46.	The Society of Agricultural Writers (SAW) under the Office of the Senior Tutor organized a "SUKHANSAAZ Chapter-1, First Literary Session with Mr. Maqsood Wafa on April 26, 2024 in the Senior Tutor Office, UAF. The session was started at 06:30 pm with Introduction of Mr. Maqsood Wafa by President Mr. Ahsan Raza. Dr. Shoukat Ali, Senior Tutor, shared his reviews about the session, Dr. Summar Abbas Naqvi, Incharge; Society of Agriculture Writers also joined us and shared his re-views.

SN	Name of Activities
47.	The Rotaract Club of the University of Agriculture, Faisalabad, under the Office of Senior Tutor in collaboration with the Institute of Horticultural Sciences, UAF sponsored by US Mission in Pakistan in partnership with Pak-US Alumni Network organized a hands-on training workshop on GREENING FUTURE ENABLING WOM-EN IN CLIMATE RESILIENCE CULINARY HERBS GARDENING to empower women with Culinary Herbs cultivation on 25th and 26th April 2024 from 10am to 3pm in new senate hall and Horticultural Vegetable Nursery.
48.	Rotaract Club of UAF organized a seminar on burn injuries prevention and management Seminar on May 2, 2024,
49.	<p>The Entrepreneurship Club of University of Agriculture, Faisalabad had organized ZINDIGI PRIZE - BUSINESS IDEAS COMPETITION (ROUND 1) in collaboration with JS Bank, Regional Plan9 and Punjab Information Technology Board under the umbrella of OFFICE OF THE SENIOR TUTOR, University of Agriculture, Faisalabad.</p> <p>The Entrepreneurship Club's event took place on Thursday, 02nd May 2024 at 10:00 am; at the STO HALL #1 At the end of the Business Ideas Competition, General Secretary, Zainab Arif congratulated winners, bucked up the other participants and expressed humble gratitude towards the honorable judges. The event concluded at 12:40pm.</p>



FINANCE

1. Annual Statement of Accounts and Financial Year at a Glance 2023-24

(Rs. in Million)

Receipts	Amount	Expenditure	Amount
Opening Balance	45.774	A01- Employee Related Expenditure	3,196.819
Recurring Grant	2264.981	A02- Research & Surveys	13.928
Additional Grant	25.000	A03- Operating Expenses	1417.476
IPFP Grant	0.600	A04- Employee's Retirement Benefits	1493.202
Own Sources	4,445.679	A05- Grants & Subsidies/ Financial Assistance to Families of Empl. who Died During Services	14.900
Support from Pension Fund	350.000	A06- Transfers / Scholarships	95.968
		A07- Loan and Advances	80.000
		A09- Physical Assets	171.420
		A12- Civil Works	511.469
		A13- Repair and Maintenance	49.285
		Total Expenditure:	7,044.467
		Saving:	87.567
Grand Total	7,132.034	Grand Total	7,132.034

2. Development Budget (2023-24)

i)	HEC Funded Projects	=	1,024.980	million
ii)	Punjab Govt. Funded Projects	=	1,189.586	million
	Total	=	2,214.566	million

3. Recurring Budget

i)	Recurring Budget (N.D)	=	7044.467	million
ii)	UAF Sub Campus Burewala (Non Develop. Punjab Govt.)	=	232.030	million

4. Self Generated income

i)	Self Generated income (own Sources)	=	4,445.679	million
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5. Trend of per student spending

i)	Trend of per student spending	=	0.216	million
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AUDIT REPORTS

The Audit and Inspection of the University Accounts was started by the Director General audit (Civil) Punjab, Lahore in 1994-95. Since then 23 Audit & Inspections have been conducted. As a result, a number of Ordinary, Advance, proposed Draft and Draft Pars were issued by the Audit. The 47 Special Departmental Accounts Committee (SDAC) and Departmental Accounts Committee (DAC) have been conducted to discuss and finalize these Audit paras. Moreover, 23 Public Accounts Committee (PAC) meetings have also been held. The University of Agriculture, made strenuous efforts to get the Audit Paras settled at various forums as mentioned above. The current status of audit paras, settled and outstanding, has been shown in the table given below:

STATUS OF AUDIT PARAS AT THE END OF JUNE, 2024

Detail	Ordinary/MFDAC Paras	Advance Para/PDP	Draft Paras
Previous Pendency	35	143	91
Addition	48	80	10
Settled	11	23	--
Total	72	200	101

Audit for the Financial Year 2023-24 has not been conducted.



UNIVERSITY GOVERNANCE

The Senate

- (1) the Senate consists of:
 - (i) the Chancellor;
 - (ii) the Pro-Chancellor;
 - (iii) the Vice-Chancellor;
 - (iv) the members of the Syndicate;
 - (v) the Deans;
 - (vi) the Directors;
 - (vii) the University Professors and Professors Emeritus;
 - (viii) the Chairmen of the Teaching Departments;
 - (ix) the Officer or Teacher incharge of Students Affairs (by whatever designation called);
 - (x) as many University teachers as may be prescribed, subject to the maximum of fifteen including at least three female teacher of the university having at least three years service, to be elected by the university teacher from amongst themselves;
 - (xi) two students' representatives from the University Students' Union;
 - (xii) eight Experts including at least two female experts in Agriculture, Animal Husbandry and Allied Disciplines to be nominated by the Chancellor;
 - (xiii) the Registrar;
 - (xiv) the Treasurer;
 - (xv) the Controller of Examinations;
 - (xvi) the Librarian;
 - (xvii) members of the Provincial Assembly of the Punjab to be elected in the following manner:
 - (a) one member from each Division excluding Faisalabad Division to be elected by the Members of the Provincial Assembly from that Division; and
 - (b) one member from each District of the Faisalabad Division to be elected by the Members of the Provincial Assembly from that Division;
 - (xviii) two representatives of farmers and livestock members including at least one female representative to be nominated by the Chancellor; and
 - (xix) three Registered Graduates to be elected by all such graduates from among themselves.

The Chancellor, or in his absence, his nominee Chairs the Senate.
- (2) Members of the Senate, other than *ex-Officio* members, hold office for three years.
- (3) The Senate meets at least twice in every year on dates to be fixed by the Vice-Chancellor with the consent of the Chancellor.
- (4) The quorum for a meeting of the Senate is one-third of the total number of members, a fraction being counted as one.

Powers and duties of the Senate

Subject to the provisions of this Act, the Senate have the power-

- (a) to consider the drafts of Statutes proposed by the Syndicate and deal with them in the manner indicated in sub-section (2) of section 30;
- (b) to consider and pass resolutions on the annual report, the annual statement of accounts and the annual and revised budget estimates;
- (c) to appoint members to the Syndicate and other Authorities in accordance with the provisions of this Act;

- (d) to delegate any of its powers to an Authority or officer or a committee or sub-committee; and
- (e) to perform such other functions as may be prescribed by Statutes.

The Syndicate

- (1) The Syndicate consists of-
 - (i) the Vice-Chancellor, who shall, subject to section 42, be its Chairman;
 - (ii) the Pro Vice-Chancellor, if any;
 - (iii) one member of the Provincial Assembly of the Punjab to be nominated by the Speaker of the Assembly;
 - (iv) two members including at least one female member of the Senate to be elected by the Senate;
 - (v) the Chief Justice of the Lahore High Court, Lahore or his nominee from amongst the Judges of the Lahore High Court;
 - (vi) Secretary to Government of the Punjab, Agriculture Department or his representative not below the rank of Additional Secretary;
 - (vii) One nominee of the University Grants Commission;
 - (viii) One Dean to be nominated by the Chancellor on the recommendation of the Vice-Chancellor;
 - (ix) One Professor, one Associate Professor, one Assistant Professor and one such Lecturer out of whom at least one shall be a women as has completed a minimum of two years service in the University to be elected, respectively by and from amongst themselves;
 - (x) three persons of eminence including one Scholar of Islamic Jurisprudence and one woman not serving in any educational institution to be nominated by the Chancellor;
 - (xi) one female Principal of the affiliated colleges to be nominated by the Chancellor;
 - (xii) the President of the University Students Union;
 - (xiii) Secretary to Government of the Punjab, Live-stock & Dairy Development Department or his representative not below the rank of Additional Secretary;
 - (xiv) Secretary to Government of the Punjab, Finance Department or his representative not below the rank of Additional Secretary;
- (2) Members of the Syndicate, other than ex-officio members, shall hold office for three years.
- (3) The quorum for a meeting of the Syndicate shall be one-third of the total number of members, a fraction being counted as one.

Powers and duties of the Syndicate

- (1) The Syndicate be the executive body of the University and subject to the provisions of this Act and the Statutes, takes effective measures to raise the standard of teaching, research and publication and other academic pursuits and exercise general supervision over the affairs and management of the property of the University.
- (2) Without prejudice to the generality of the foregoing powers, and subject to the provisions of this Act and the Statutes, the Syndicate have the powers
 - (a) to take effective measures to raise the standard of teaching, research and publication in the light of national needs
 - (b) to hold control and administer the property and funds of the University
 - (c) to govern and regulate, with due regard to the advice of the Finance and Planning Committee in this behalf, the finances, accounts and investments of the University and for that purpose to appoint such agents as it may think fit
 - (d) to consider the annual report, the annual and revised budget estimates and to advise the Senate thereon, and to reappropriate funds from one major head of expenditure to another

- (e) to transfer and accept transfer of movable or immovable property on behalf of the University
- (f) to enter into, vary, carry out and cancel contracts on behalf of the University
- (g) to cause proper books of account to be kept for all sums of money received and expended by the University and for the assets and liabilities of the University
- (h) to invest any money belonging to the University including any unapplied income in any of the securities described in section 20 of the Trusts Act, 1882, or in the purchase of immovable property or in such other manner, as it may determine, with the like power of varying such investments
- (i) to receive and manage any property transferred and grants, bequests, trusts, gifts, donations, endowment and other contributions made to the University
- (j) to administer any funds placed at the disposal of the University for specified purposes;
- (k) to determine the form, provide for the custody and regulate the use of the common seal of the University
- (l) to provide the buildings, libraries, premises, furniture, apparatus, equipment and other means required for carrying out the work of the University
- (m) to establish and maintain halls of residence and hostels or approve or license hostels or lodgings for the residence of students
- (n) to affiliate and disaffiliate colleges
- (o) to admit educational institutions to the privileges of the University and withdraw such privileges
- (p) to arrange for the Inspections of colleges and the Teaching Departments
- (q) to institute Professorship, Associate Professorship, Assistant Professorship, Lecturership and other teaching posts or to suspend or to abolish such posts
- (r) to create, suspend or abolish such administrative, research, extension or other post, as may be necessary
- (s) to appoint University teachers and other officers in the National Pay Scale 17 and above on the recommendation of the Selection Board constituted under the First Statutes
- (t) to appoint Professor Emeritus on such terms and conditions as may be prescribed
- (u) to confer Honorary Degrees in accordance with the conditions prescribed
- (v) to prescribe the duties of officers, teachers and other employees of the University
- (w) to suspend, punish and remove from service in the prescribed manner such officers, teachers and other employees as are appointed by the Syndicate
- (x) to report to the Senate on matters on which it has been asked to report
- (y) to appoint members to the various Authorities in accordance with the provisions of this Act
- (z) to propose drafts for Statutes for submission to the Senate
- (aa) to consider and deal in the manner prescribed in sub-section (2) of section 31, the Regulations made by the Academic Council; provided that the Syndicate may frame a Regulation at its own initiative and approve it after calling for the advice of the Academic Council
- (bb) to regulate, determine and administer all other matters concerning the University and exercise all other powers in this behalf
- (cc) to delegate any of its powers to an Authority or Officer or a Committee or sub-committee
- (dd) to perform such other functions as have been assigned to it by the other provisions of this Act or the Statutes.

Academic Council

- (
- 1) The Academic Council consists of-
 - (i) the Vice-Chancellor (Chairman)
 - (ii) the Deans
 - (iii) the Directors
 - (iv) the University Professors including Professors Emeritus
 - (v) the Chairmen of the Teaching Departments
 - (vi) all Associate Professors, other than Chairmen of the Teaching Departments
 - (vii) two Assistant Professors, two Lecturers and two Instructors out of them at least two women to be elected by and from among themselves
 - (viii) the Registrar
 - (ix) the Librarian
 - (x) the Controller of Examinations
 - (xi) two Agricultural Scientists nominated by the Chancellor
 - (xii) one nominee of the Pakistan Agricultural Research Council
 - (2) Members appointed by nomination or election hold office for three years
 - (3) The quorum for a meeting of the Academic Council is one-third of the total number of members

Powers and Duties of the Academic Council

- (1) The Academic Council is the academic body of the University and shall, subject to the provisions of this Act and the Statutes, have the power to lay down proper standards of instruction, research, publications, and examinations and to regulate and promote the academic life of the University and the colleges.
- (2) Without prejudice to the generality of the foregoing powers, and subject to the provisions of this Act and Statutes, the Academic Council is have the powers-
 - (a) to advise the Syndicate on academic matters
 - (b) to regulate the conduct of teaching, research, publication and examinations
 - (c) to regulate the admission of students to the courses of studies and examinations in the University
 - (d) to regulate the conduct and discipline of the students of the University
 - (e) to propose to the Syndicate schemes for the constitution and organization of Faculties, Teaching Departments and Boards of Studies
 - (f) to consider or formulate proposals for the planning and development of teaching and research in the university
 - (g) to make Regulations, on the recommendations of the Boards of Faculties and the Boards of Studies, prescribing the courses of studies, the syllabi and the outlines of tests for all University examinations; provided that if the recommendations of the Board of a Faculty or a Board of Studies are not received by the prescribed date, the Academic Council may, subject to the approval of the Syndicate, continue for the next year the courses of studies already prescribed for an examination
 - (h) to recognize the examinations of other Universities or examining bodies as equivalent to the corresponding examinations of the University
 - (i) to regulate the award of studentships, scholarships, exhibitions, medals and prizes;
 - (j) to frame Regulations for submission to the Syndicate
 - (k) to appoint members to the various Authorities in accordance with the provisions of this Act
 - (l) to perform such other functions as may be prescribed by the Statutes

Senate meetings

- | | | | |
|----|------------|----|------------|
| 1. | 08.09.2023 | 2. | 06.03.2024 |
|----|------------|----|------------|

Syndicate meetings

- | | | | |
|----|------------|----|------------|
| 1. | 07.09.2023 | 5. | 23.04.2024 |
| 2. | 16.12.2023 | 6. | 20.05.2024 |
| 3. | 26.01.2024 | 7. | 27.05.2024 |
| 4. | 29.02.2024 | | |

Academic Council meetings

- | | | | |
|----|------------|----|------------|
| 1. | 30.11.2023 | 3. | 12.06.2024 |
| 2. | 20.01.2024 | | |

Deans' Committee meetings

- | | | | |
|----|------------|-----|------------|
| 1. | 17.08.2023 | 6. | 13.12.2023 |
| 2. | 22.09.2023 | 7. | 09.01.2024 |
| 3. | 30.09.2023 | 8. | 15.04.2024 |
| 4. | 13.10.2023 | 9. | 17.04.2024 |
| 5. | 02.11.2023 | 10. | 03.05.2024 |



HEALTH CENTRE/MEDICAL FACILITIES

SN	SUBJECT	STATUS
1	No. of Medical Officers	Consultant/Senior Medical Officer
2	No. of Women Medical Officer	Two Women Medical Officer
3	Dental Surgeon	Nil
4	Dental Treatment	The Annual patient's sick report 852 of fiscal year 2023-2024.
5	Female Dispensary	In the Female Centre Antenatal Examination is carried out minor Gynecologist problems are dealt. A vast number of family's patient & dressing patients 6962 and numbers of female students 5021 have been provided medical coverage at the center for fiscal year 2023-2024.
6	Ambulance Services	One Ambulance for the Transportation of emergencies patients to the local and outstation Hospitals.
7	Clinical Laboratory	The number of patients 7608 and test carried out 38040 for fiscal year 2023-2024.
8	Medical Facilities	X-Ray, Ultrasound, and ECG facility for any emergencies is available in Medical & Health Centre.
9	Trauma Emergencies	994 emergencies for road side accident, trauma chemical burn, elect shock were dealt in the year 2023-2024.
10	Sick Reports for Staff	The annual patient's sick report of fiscal year 2023-2024 is 5177.
11	Sick Reports for Students	The annual student's sick report of fiscal year 2023-2024 is 14704.
12	Vaccination Facility	Road side accident vaccination facilities were provided to University student's Employees & their family.
13	Medical Coverage for emergencies	National/Intersarsity horse and cattle Show medical facility were provided.
14	Medical coverage for the entry test for Medical College	Medical Coverage Provided for the entry test examination for the medical college, by the Punjab Government.
15	Medical Coverage for the entry test in University of Agriculture, Faisalabad	Medical coverage Provided for the entry test examination for admission in the university of Agriculture, Faisalabad.
16	Medical Coverage for Sports Gala	Medical coverage provided on the occasion sports Gala Conducted by the Agriculture Faculty Annual Inter Hostel Sports Gala 2023-2024.
17	Hepatitis Test in Medical & Health Centre, UAF	Screening test for HCV & HBV was provided to the university students, Employee and their Families.
18	Numbers of new laboratory tests are added in this year like Thyroid function tests, HBA1c, Vit. D3-Levels, CRP, etc.	All tests were provided to the university students, Employee and their Families.

Emergency and OPD services are available 24/7 in Medical & Health Centre, University of Agriculture, Faisalabad.

DIRECTORATE OF GRADUATE STUDIES

VISION

The Directorate of Graduate Studies desires to be a national ground breaker with healthy and impactful advanced degree programs in agriculture, animal and allied sciences to produce skilled, diverse graduates that will be successful, trendy leaders in knowledge, innovation and creativity as well as embody an awareness of engagement of individual and societal inclusion to influence the world.

MISSION

The mission of the Directorate of Graduate Studies is to maximize student success, serve the public and transform the region through University of Agriculture graduate programs. The Directorate of Graduate Studies leads the development and administration of UAF postgraduate programs by:

1. Facilitating the development of new and existing programs
2. Establishing and implementing effective academic policy
3. Recruiting, retaining and graduating high-quality students
4. Assuring graduate program quality
5. Implementing efficient and effective best practices

RESPONSIBILITIES OF THE DIRECTORATE OF GRADUATE STUDIES

Postgraduate Admission

- Processing the applications for admission to MS/MPhil/MSc (Hons)/MBA and PhD. courses in different Institutes/departments.
- Collect the information from the teaching Department/Directorate/Constituent Colleges for seats available for admission to MS/MPhil/MSc (Hons)/MBA and PhD degree program
- Prepare Advertisement for postgraduate Admission and announce the Entry Test for MS/MPhil/MSc (Hons)/MBA and GRE for PhD programs
- Scrutinized the admission application to different degree programs according to eligibility criteria
- Guideline/Training to the Scrutiny committee members for admission applications
- Propose the amendments in Statutes and Regulations, on the recommendation of the Dean's Committee.
- Coordination with IT for Campus Management System
- Preparation for GAT/GRE test for admission purposes at the postgraduate level.
- Information to Candidates and their parents for admission
- Preparation of Merit list for admission and display for the candidates
- Working paper for the admission on the nomination, from the competent authority
- Process the admission of the Different candidates on the nomination (Govt, Army, University employees, employees Son/Daughter, other provinces etc.)
- Process the applications for campus transfer

Postgraduate Degree Programs offered during 2023-24

Faculty of Agriculture
<p>Morning Programs MSc (Hons.)/MPhil/MS Agronomy, Entomology, Horticulture, Plant Breeding and Genetics, Seed Science & Technology, Plant Pathology, Agri. Biotechnology, Biotechnology, Forestry, Soil Science, Environmental Science and Climate Change</p> <p>PhD Agronomy, Entomology, Horticulture, Plant Breeding and Genetics, Seed Science and Technology, Plant Pathology, Biotechnology, Genetics, Forestry, Soil Science and Environmental Science</p>
<p>Evening Programs MSc (Hons.)/MPhil/MS Biotechnology and Environmental Science</p>
Faculty of Social Sciences
<p>Morning Programs MSc (Hons.)/MPhil/MS Agricultural Extension, Rural Development, Agri. Economics, Development Economics, Environmental & Resource Economics, MS (Management) Specialization Agribusiness and Rural Sociology</p> <p>PhD Agricultural Extension, Agri. Economics, Development Economics, Environmental and Resource Economics, Economics, Marketing & Agribusiness and Rural Sociology</p>
<p>Evening Programs MSc (Hons.)/MPhil/MS MBA (E), Management Specialization in Marketing (E), Management Specialization in Finance (E), Sociology (E/W), Economics (E/W), Education (W), and MBA Executive (W)</p>
Faculty of Agricultural Engineering and Technology
<p>Morning Programs MSc (Hons.)/MPhil/MS Agricultural Engineering, Water Resource Engineering, Food Engineering, Environmental Engineering, Energy System Engineering, Textile Technology</p> <p>PhD Agri. Engineering and Water Resource Engineering</p>
Faculty of Food Nutrition & Home Sciences
<p>Morning Programs MSc (Hons.)/MPhil/MS Food Technology, Dairy Technology, Human Nutrition and Dietetics, Food Safety & Quality Management, Food Service Management, Home Economics (Food and Nutrition), Home Economics (Human Development and Family Studies), Home Economics (Clothing and Textile)</p> <p>PhD Food Technology and Human Nutrition and Dietetics</p>
<p>Evening Programs MSc (Hons.)/MPhil/MS Food Technology and Human Nutrition & Dietetics</p>

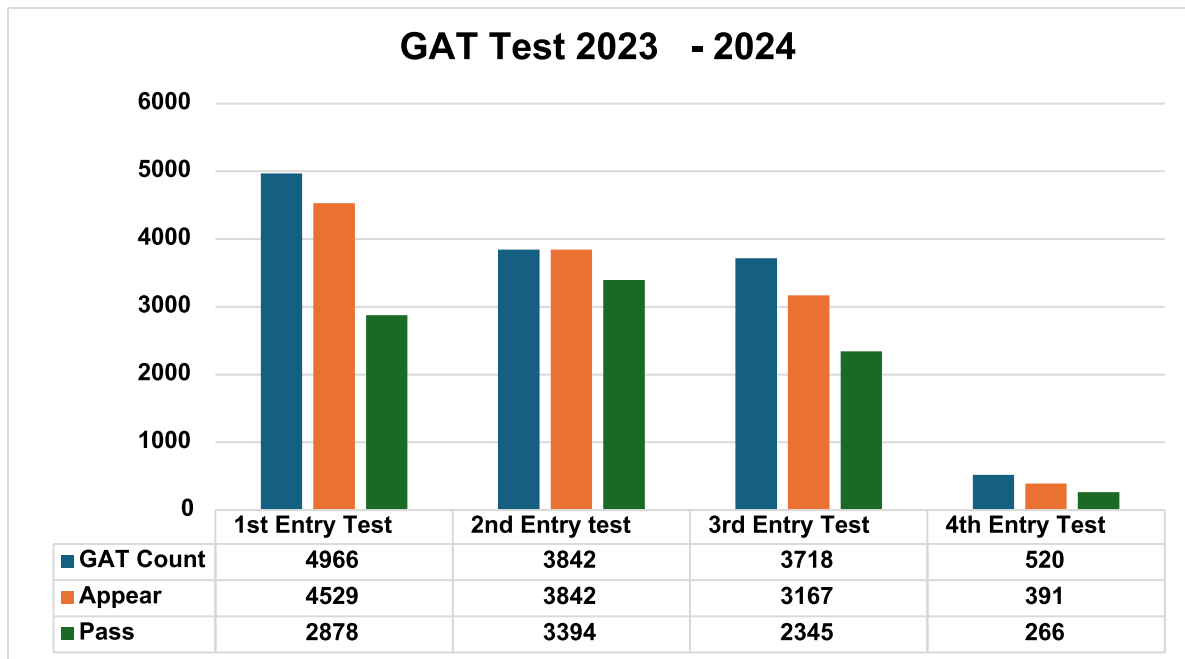
Faculty of Animal Husbandry
<p>Morning Programs MSc (Hons.)/MPhil/MS Animal Breeding and Genetics, Animal Nutrition, Livestock Management and Poultry Science PhD Animal Breeding and Genetics, Animal Nutrition, Livestock Management and Poultry Science</p>
Faculty of Veterinary Sciences
<p>Morning Programs MSc (Hons.)/MPhil/MS Anatomy, Clinical Medicine & Surgery, Microbiology, Parasitology, Pathology, Physiology, Pharmacology Theriogenology, and Epidemiology and Public Health PhD Anatomy, Clinical Medicine & Surgery, Microbiology, Parasitology, Pathology, Physiology, Pharmacology, Theriogenology</p>
<p>Evening Programs MSc (Hons.)/MPhil/MS Microbiology</p>
Faculty of Sciences
<p>Morning Programs MSc (Hons.)/MPhil/MS Botany, Biochemistry, Chemistry, Statistics, Physics, Zoology and Mathematics PhD Botany, Biochemistry, Chemistry, Zoology, Physics, Computer Science and Statistics</p>
<p>Evening Programs MSc (Hons.)/MPhil/MS Computer Science, Software Engineering, Botany, Biochemistry, Chemistry, Zoology, Physics and Mathematics</p>
UAF Constituent College (PARS)
<p>Morning Programs MSc (Hons.)/MPhil/MS Chemistry, Botany, Physics and Zoology</p>
<p>Evening Programs MSc (Hons.)/MPhil/MS Chemistry, Botany, Physics and Zoology</p>
UAF Constituent College Depalpur/Okara
<p>Morning Programs MSc (Hons.)/MPhil/MS Agronomy, Horticulture, Soil Science, Environmental Science, Entomology, Plant Pathology, Plant Breeding & Genetics, Agri Extension</p>
<p>Evening Programs MSc (Hons.)/MPhil/MS Chemistry, Botany, Physics, Zoology, Mathematics</p>

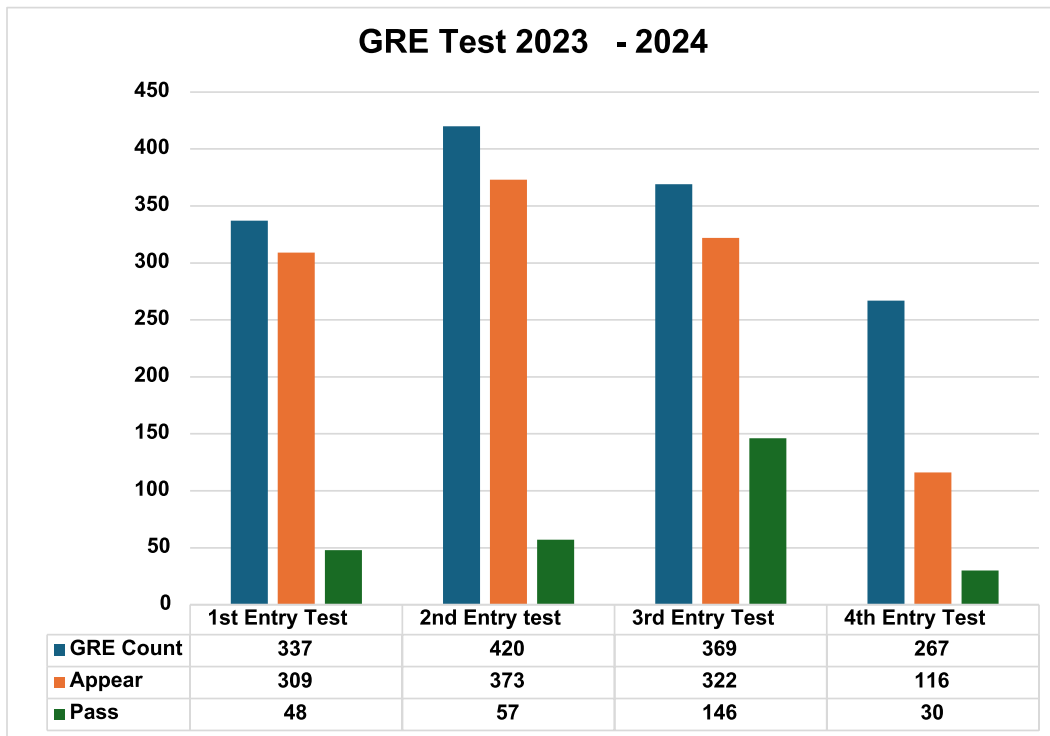
UAF Constituent College Depalpur/Okara
Morning Programs MSc (Hons.)/MPhil/MS Agronomy, Horticulture, Soil Science, Plant Pathology, Food Technology, Entomology, Plant Breeding & Genetics and Computer Science
UAF Constituent College Toba Tek Singh
Morning Programs MSc (Hons.)/MPhil/MS Poultry Science, Animal Nutrition, Computer Science, Chemistry and Zoology PhD Poultry Science

Number of Seats Reserved for Admission to Postgraduate Degree Programs under Different Categories

Khyber Pakhtunkhwa (KPK)	Seats
Agriculture Department KPK (Employee)	06
Livestock & Dairy Development Department, KPK. (Employee)	08
Two seats in each discipline for unemployed Veterinary/Animal Husbandry graduates. However, they will have to bring NOC Khyber Pakhtunkhwa Government and compete on merit.	24
FATA	Seats
MSc (Hons) in any Department of the Faculty of Agriculture	06
MPhil in any Department of the Faculty of Sciences	08
AZAD Jammu and Kashmir (AJK)	Seats
Department of Agriculture, Veterinary Sciences and Animal Husbandry, Government of Azad Jammu and Kashmir	5 = Agriculture 3 = A. Husbandry 3 = Vet. Science
BALOCHISTAN	Seats
Agriculture Department Balochistan. (Employee)	9
Two seats in each discipline for unemployed Agriculture Graduates. However, they will have to bring the nomination from Baluchistan Government and compete on merit.	22
Livestock and Dairy Department Nominees. (Employee)	21
Two seats in each discipline for unemployed Veterinary/Animal Husbandry Graduates. However, they will have to bring the nomination from the Baluchistan Government and compete on merit.	48
Gilgit Baltistan	Seats
Northern Area Gilgit Baltistan, However, they will have to bring NOC from Gilgit Baltistan Government and compete on merit	08
Sindh	Seats
In all postgraduate degree programs	05

Khyber Pakhtunkhwa (KPK)	Seats
Pakistan Agri. Research Council	Unlimited
In-service Military Officers	2 in each discipline
Sons/daughters of Military Personnel	One in each faculty
Agriculture Department, Punjab, Lahore	(Res = 10 + Ext. = 5)
Livestock & Dairy Dev. Department Punjab, Lahore	10
Pakistan Central Cotton Committee	02
NIAB	02
NIBGE	02
Disabled persons	2% minimum of one seat
Chamber of Commerce	02 in MBA
Minorities	2% in each degree
Sports	2%





Newly admitted students in 1st Semester for Winter 2023-2024

Faculties Names	MS/MPhil/MBA/ MSc (Hons)		PhD		Total
	Male	Female	Male	Female	
Faculty of Agriculture	381	213	11	15	620
Faculty of Social Sciences	120	237	4	8	369
Faculty of Agri. Engineering	30	14	4	1	49
Faculty of Food Nutrition & Home Sciences	81	303	4	12	400
Faculty of Animal Husbandry	46	9	1	4	60
Faculty of Veterinary Sciences	62	84	6	8	160
Faculty of Sciences	195	923	8	38	1164
UAF Constituent College (PARS)	63	261	0	0	324
UAF Constituent College Depalpur/Okara	41	9	0	0	50
UAF Constituent College Burewala	38	21	0	0	59
UAF Constituent College T.T. Singh	56	119	1	0	176
Grand Total	1113	2193	39	86	3431

Students Enrolled in 3rd and above for Winter 2023-24

Faculties Names	MS/MPhil/MBA/ MSc (Hons)		PhD		Total
	Male	Female	Male	Female	
Faculty of Agriculture	391	227	138	99	855
Faculty of Social Sciences	305	234	29	32	600
Faculty of Agri. Engineering	43	7	12	5	67
Faculty of Food Nutrition & Home Sciences	85	395	19	53	552
Faculty of Animal Husbandry	44	4	6	2	56
Faculty of Vet. Sciences	85	98	37	38	258
Faculty of Sciences	272	1174	66	117	1629
Constituent College (PARS)	116	359	0	0	475
Sub-Campus Depalpur/Okara	37	8	0	0	45
Sub-Campus Burewala	14	16	0	0	30
Sub-Campus T.T. Singh	6	0	3	0	9
Grand Total	1398	2522	310	346	4576

Other Activities

The office of the Directorate of Graduate Studies has processed the different kinds of documents for postgraduate students during the semester as per the requirement of statutes, rules/regulations and general regulations and instructions approved by the graduate studies and research board for all postgraduate degrees like: -

- Checking of enrolment forms (GS/10) of postgraduate students in each semester
- To process approval of new/revised postgraduate courses through GSRB.
- Scrutiny of the synopses of theses, coursework programs, and supervisory committees of MS/MPhil/MSc (Hons) and PhD. students and arranging their approval by GSRB.
- Scrutiny of the theses of postgraduate students to ensure their proper format as laid down by GSRB.
- Processing the Course work according to the HEC guideline keeping in view the Major/Minor and deficiency courses
- Process to get permission to enrol the extra credit hours, from Vice Chancellor
- Supervise the updated courses offered during the winter/spring semester to postgraduate students in the database
- Process the permission to take Co-supervisor from other DAI/Research Institutes
- Process to discontinuation of the semester of Postgraduate student only once, from the Vice Chancellor
- Cancellation of admission of those students who did not enrol their next semester without permission
- Cancellation of admission of those students who are unable to maintain their GPA/CGPA after each academic year. With the help of the Controller of Examinations
- Readmission of the students whose admission has been cancelled on account of non-enrolment
- Revision/Correction of GS-10, Course work, synopsis
- Guideline for thesis format approved by the GSRB to the Scholars/Faculty
- Submission of semifinal thesis on prescribed format of GSRB
- Process the request for an extension for hardbound copy thesis submission

- Implementation of Statutes on Govt. and University Employee
- Prepare the agenda and conduct the meetings of the GSRB and Processing of Faculty Board minutes for the GSRB meeting
- Execution of the policies and decisions of GSRB.
- Preparation of GS Calendar for the postgraduate students
- Process the approval of statutes and regulations for the award of different postgraduate degree programs from the statutory bodies
- Issuance of the certificate to the enrolled students for their enrolment.
- Provide the information to the authorities regarding the enrolment
- Issuance of NOC to scholars to IRSP candidates
- Training of the Staff for maintaining the Files/Records, admission/enrolment/files after the thesis submission
- Any other assignment given by the Competent Authority and Director Graduate Studies

Yearly Detailed Preparation and Processing of Documents	Total No. of Documents
data entry of GS/10 of newly admitted students	3431
Total number of coursework approved in the year	3251
Total number of synopses approved in the year	3251
Total number of Bonafide certificates approved in the year	357
Total number of the revised supervisory committee approved in the year	747
Total number of E-30 forms (Comprehensive)/thesis approved in the year	284
Total no of TA ships approved in the year	469
Total number of admissions cancelled in the year	824
Total number of discontinuation cases in the year	20
Total number of admissions cancelled on account of low CGPA with the help of controller examinations	345
Total number of admissions cancelled on account of non-enrolment in the year	479
Total number of re-admission cases approved in the year	10
Total enrolment made in the year	8007
Total number of semifinal theses approved in the year	3643
Total number of Final theses approved in the year	4059
Total number of meetings of GSRB conducted in the year with dates	01-09-2023 29-11-2023 28-03-2024 03-06-2024 18-12-2024

Members of Graduate Studies and Research Board (GSRB)

Vice Chancellor	Chairman
Dean, Faculty of Agriculture	Member
Dean, Faculty of Social Sciences	Member
Dean, Faculty of Agricultural Engineering and Technology	Member
Dean, Faculty of Veterinary Science	Member
Dean, Faculty of Animal Husbandry	Member
Dean, Faculty of Sciences	Member
Dean, Faculty of Food, Nutrition and Home Sciences	Member
Dean, Faculty of Art and Humanities	Member
Director General, National Institute of Food Sciences and Technology	Member
Director, Institute of Horticultural Sciences	Member
Director, Institute of Soil and Environmental Sciences	Member
Director, Center of Agriculture Biochemistry and Biotechnology (CABB)	Member
Director, Institute of Dairy and Animal Sciences	Member
Director, Institute of Microbiology	Member
Director, Institute of Pharmacy, Physiology and Pharmacology	Member
Director, Institute of Business Management Sciences	Member
Director, Institute of Agricultural Extension and Rural Development	Member
Director, Institute of Agricultural and Resource Economics	Member
Director, Institute of Rural Home Economics	Member
Director, Office of Research, Innovation and Commercialization (ORIC)	Member
Director, Academics	Member
Director, Quality Enhancement Cell	Member
Registrar, UAF	Member
Three University Professors, other than Deans, to be appointed by the Syndicate for three years	Member
Three Teachers of the University are to be appointed by the Academic Council for three years	Member
Principal of constituted college(s) Sub-campuses nominated by Vice Chancellor for three years	Member
Five experts from other sister Institutions are to be nominated by the Syndicate for three years	
Chairman, Pakistan Science Foundation, Islamabad	Member
Director General, Agri. Extension, Government of Punjab, Agriculture Department, Lahore	Member
Chief Scientist, AARI, Faisalabad	Member
Director General, On Farm Water Management, Agriculture House, 1st Floor, 21-Davis Road, Lahore	Member
Director, Nuclear Institute for Agriculture and Biology (NIAB), Jhang Road, Faisalabad	Member
Director Graduate Studies, University of Agriculture, Faisalabad	Secretary

ENDOWMENT FUND SECRETARIAT

SUMMARY

The Government of Pakistan and United States of America recalling the close ties in scientific and technological cooperation signed a US\$ 12.4 million Food for Progress, Agreement on September 15, 2003. Under this Agreement, University of Agriculture, Faisalabad (UAF) has established FDTTPC Endowment Fund. The Ministry of Finance transferred Rs. 650.00 million to UAF in 2006. The income generated through investment of the principal amount in Government approved banks/institutions is used for fund's activities in line with the Pakistan's long term research and development goals for the agriculture sector. The goals focus on food security, poverty alleviation and promoting broad based equitable and sustainable agriculture.

Vision

To innovate the agriculture in becoming competitive and profitable for sustainable growth and commercialization

Mission

1. To support UAF faculty, the national scientific community, and agricultural industry working for the cause of agricultural and rural development.
2. To promote competitiveness in agriculture through adaptive Research & Development initiatives.
3. To explore ways and means for strengthening of Endowment Fund for Research & Product Development.

Objectives

Endowment Fund was established with the assistance of USDA and money of Rs. 650.00 million. The Syndicate under Section 25(2)(i) of the University of Agriculture Faisalabad Act, 1973 approved the MOU to establish Endowment Fund at UAF. The major objectives of funds are:

- a) To support UAF programs for advanced training in biotechnology, agricultural sciences research, technology transfer and product commercialization.
- b) To strengthen faculty and support R&D activities of UAF.
- c) To support similar programs with other institutions of higher learning, private sector, not-for profit organizations, domestic and international organizations.
- d) To encourage increased cooperation among scientists conducting agriculture-related research at universities in Pakistan and the United States of America.

Management of the Fund

The Board of Directors (BoD) is the governing body of this Fund and is responsible for Fund's program, its financial and managerial policies. Following is the composition of Board:

- | | |
|---|-------------|
| • Vice Chancellor, UAF (Chairman) | Ex-off |
| • Vice Chancellor, Agriculture University Peshawar, KPK | Ex-off |
| • USDA Agri. Attache in Pakistan or his nominee | Ex-off |
| • Agri. Specialist, USDA, US Embassy in Pakistan | Ex-off |
| • Eminent Scientists (Two) | For 3-years |
| • Progressive Farmer (One) | For 3-years |
| • Executive Director, ALP (PARC), Islamabad | Ex-off |
| • Registrar, UAF | Ex-off |

- Treasurer, UAF EX-off
- Executive Director, EFS, UAF (member/Secretary) Ex-off

Endowment Fund Secretariat

Endowment Fund Secretariat is responsible for the operation of the Fund which consists mainly of the selection, processing, approval, monitoring, evaluation and coordination of projects supported in whole or in part by it. All the activities are planned, approved and coordinated through Endowment Fund Secretariat (EFS) under the supervision of Executive Director. The Endowment Fund Secretariat staff is as under:

1. Executive Director, a Professor nominated by Vice Chancellor, UAF
2. Additional Director, Regular (One)
3. Deputy Director, Regular (One)
4. Administration/Supporting Staff

Programs

With the approval of Board, the following programs are being sponsored by EFS, UAF

1. Faculty Development (FD)
2. Technology Transfer (TT)
3. Product Commercialization (PC)
4. Research & Development (RD)

Achievements

Since its inception in 2006, Endowment Fund Secretariat (EFS) has been able to support diverse activities in the university and national level. Up till now EFS has granted 203 projects, 215 international travel grants and 340 seminars/workshops/Conferences. Endowment Fund has provided technical assistance to all segments of the rural community through Faculty Outreach Program (started in 2011) with the focus on skill development and gender mainstreaming. Up till now, EFS has supported 172 outreach activities conducted by UAF faculty at the door steps of farmers.

Geographical distribution of EFS funded projects

Endowment Fund Secretariat (EFS) provided widespread financial support throughout Pakistan. EFS regularly publishes CALL FOR PROJECT PROPOSALS in the domains of Technology Transfer, Research & Development and Product Commercialization throughout Pakistan via different print media and also issues individual invitation letters to different organizations. EFS had awarded projects to following institutions (other than UAF) since its inception.

SN	Year	Institution	No. of Projects
01.	2007-08	University of Arid Agriculture, Rawalpindi	01
02.	2008-09	Lesbela University of Agriculture, Water & Marine Sciences, Uthel, (LUAWMS), Baluchistan	01
03.	2008-09	Soil Salinity Research Institute, Pindi Bhattian	01
04.	2011-12	University of Arid Agriculture, Rawalpindi	04
05.	2011-12	Forman College, Lahore	01
06.	2013-14	Ayub Agricultural Research Institute, Faisalabad	01
07.	2013-14	Ayub Agricultural Research Institute, Faisalabad	01

SN	Year	Institution	No. of Projects
08.	2014-15	Ayub Agricultural Research Institute, Faisalabad	01
09.	2014-15	Nuclear Institute of Biotechnology & Genetic Engg., Faisalabad	01
10.	2014-15	Islamia University Bahawalpur, Bahawalpur	01
11.	2015-16	UAF Sub Campus, Burewala, Vehari	02
12.	2016-17	UAF Sub Campus, Burewala, Vehari	01
13.	2016-17	UAF Sub Campus, Toba Tek Singh	01
14.	2016-17	University of Veterinary and Animal Sciences, Lahore	02
15.	2016-17	Islamia University Bahawalpur, Bahawalpur	01
16.	2019-20	UAF Sub Campus, Burewala, Vehari	01
17.	2020-21	University of Veterinary and Animal Sciences, Lahore	04
18.	2020-21	Muhammad Nawaz Sharif University of Agriculture, Multan	01
19.	2020-21	UAF Sub Campus, Toba Tek Singh	01
20.	2021-22	Muhammad Nawaz Sharif University of Agriculture, Multan	02
21.	2021-22	UAF Sub Campus, Toba Tek Singh	01
22.	2021-22	University of Poonch, Azad Jammu & Kashmir	01
23.	2022-23	University of Arid Agriculture, Rawalpindi	01
24.	2022-23	University of Agriculture, Peshawar	01
25.	2022-23	UAF Sub Campus, Burewala, Vehari	01
26.	2022-23	UAF Sub Campus, Depalpur, Okara	01
27.	2022-23	Shaheed ZA Bhutto Agricultural College Dhokri, Larkana	01
28.	2023-24	Lasbela University of Agriculture, Water & Marine Sciences (LUAWMS), Uthel, Baluchistan	01
29.	2023-24	UAF Constituent College, Depalpur, Okara	01
30.	2023-24	University of Poonch, Azad Jammu & Kashmir	01

Programs/projects funded during 2023-24

1. Faculty Development	Nos.	Expenditures
1.1 Seminar/Workshop/Conferences/Trainings	21	4.608
1.2 Travel Grants abroad	02	0.27
1.3 Short trainings abroad	--	--
1.4 Short visits abroad	07	1.618
2. Technology Transfer Projects	09	25.5
2.1 University Outreach Program	16	2.881
3. Product Commercialization	04	8.232
4. Research & Development	04	10.04
Total	63	53.149

Description	Nos.	Rs. million
Ongoing Projects	30	90
Completed Projects	173	435

Panel Profile

Annual Report 2023-24



Prof. Dr. Zulfiqar Ali

Vice Chancellor/Patron-in-Chief



Prof. Dr. Rao Zahid Abbas

Convener



Prof. Dr. Asif Kamran

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Mr. Muzaffar Hussain Salik

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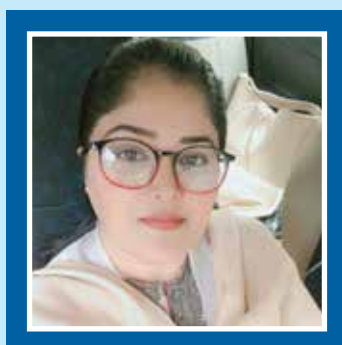
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Department of Pharmacy



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Mr. Jahanzaib Tariq
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Principal Officer, Directorate of
Public Relations



Mr. Mumtaz Ali
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Managing Editor



Mr. Muhammad Amin
Secretary

Compiled, Layout & Designed by:



Mr. Muhammad Asif
University Artist/Graphic Designer



Mr. Shahzad Majeed
Senior Clerk



Muhammad Nadeem Akhter
Graphic Designer/Junior Clerk

Reviewed by:



Mr. Azmat Ali
Associate Editor/Artist



Mr. Muhammad Ismail
Associate Editor/Office Assistant



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