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TWENTY FOUR MORE PhD SCHOLARS PRODUCED BY UAF

On the recommendations of the external examiners and after fulfilling all the requirements, Ambreen Mehmood Awan D/O S. Mehmood Awan, Reg. No. 2014-ag-1552, Institute of Physiology and Pharmacology, Faculty of Veterinary Science, Zareen Fatima D/O Qamar Iqbal, Reg. No. 2011-ag-1146, Department of Rural Sociology, Faculty of Social Sciences, Sara Farooq D/O Muhammad Farooq, Reg. No. 2011-ag-1147, Department of Rural Sociology, Faculty of Social Sciences, Fatima Yousaf D/O Malik Muhammad Yousaf, Reg. No. 2014-ag-721, Department of Biochemistry, Faculty of Sciences, Maria Amjad D/O Amjad Pervaiz Zia, Reg. No. 2014-ag-1294, Department of Rural Sociology, Faculty of Social Science, Rana Muhammad Abdullah S/O Muhammad Amjed Javid, Reg. No. 2009-ag-3348, Institute of Microbiology, Faculty of Veterinary Science, Amna Ayub S/O Muhammad Ayub Khan, Reg. No. 2015-ag-1843, Department of Chemistry, Faculty of Sciences, Amna Alam D/O Muhammad Alam Sher, Reg. No. 2012-ag-3890, National Institute of Food Science and Technology, Faculty of Food, Nutrition and Home Sciences, Shahbaz Mustafa S/O Ghulam Mustafa, Reg. No. 2004-ag-1035, Department of Plant Pathology, Faculty of Agriculture, Asma Bashir D/O Bashir Ahmad, Reg. No. 2015-ag-1512, Department of Physics, Faculty of Sciences, Saima Nazir D/O Zaheer Ahmad, Reg. No. 2008-ag-843, Department Rural Sociology, Faculty of Social Sciences, Muhammad Iqbal S/O Ghulam Nabi, Reg. No. 2003-ag-1574, Department of Plant Pathology, Faculty of Agriculture, Muhammad Rehan S/O Muhammad Ramzan, Reg. No. 2012-ag-4092, Department of Agronomy, Faculty of Agriculture, Muhammad Waqar Azeem S/O Abdul Hameed Saqib, Reg. No. 2012-ag-1118, Department of Chemistry, Faculty of Sciences, Abbas Shoukat S/O Shoukat Ali, Reg. No. 2010-ag-3854, Institute of Soil and Environmental Sciences, Faculty of Agriculture, Ghalib S/O Ayaz, Reg. No. 2012-ag-3237, Department of Plant Pathology, Faculty of Agriculture, Muhammad Subtain S/O Bashir Ahmad, Reg. No. 2013-ag-2975, National Institute of Food sciences and Technology, Faculty of Food, Nutrition and Home sciences, Maryium Sajjad D/O Sajjad Anwar, Reg. No. 2010-ag-3397, Department of Plant Breeding & Genetics, Faculty of Agriculture, Ayesha Ismail D/O Muhammad Ismail, Reg. No. 2014-ag-822, Department of Plant Breeding & Genetics, Faculty of Agriculture, Waqar Ahmed S/O Muhammad Ilyas Tahir, Reg. No. 2012-ag-2732, National Institute of Food Science and Technology, Faculty of Food, Nutrition & Home Sciences, Muhammad Nadeem Saleem S/O Muhammad Saleem, Reg. No. 2000-ag-1035, Department of Agronomy, Faculty of Agriculture, Muhammad Farhan Ayaz Chishti S/O Muhammad Ayaz Chishti, Reg. No. 2018-ag-1945, Institute of Animal and Dairy Sciences, Faculty of Animal Husbandry, Muhammad Saleem Ashraf S/O Rana Muhammad Ashraf, Reg. No. 2006-ag-1828, Institute of Agricultural Extension, Education & Rural Development, Faculty of Social Sciences, have passed the final examination for the degree of Doctor of Philosophy. The Vice Chancellor is pleased to sanction their admission to the degree of Doctor of Philosophy 2024. The title of their thesis are, "Evaluation of antioxidant and hypoglycemic potential of *Acacia jacquemontii* in alloxan induced diabetic rats", "Challenges of Halal meat consumption: A study about the perceptions, knowledge and practices of halal meat consumers in Punjab, Pakistan", "Challenges and opportunities of CPEC and its impact on Socio-cultural transformation in Punjab, Pakistan", "Fertility enhancing potential of nano-formulations of selected nutraceuticals", "People knowledge attitude and practices of fortified food in Punjab, Pakistan.", "Molecular epidemiology and drug resistance pattern of *Pseudomonas aeruginosa* from human clinical samples, poultry and environment in one health perspective", "Mechanistic and comparative study of reactions occuring in porous nanocages", Antioxidant effect of *Solanum nigrum* extract in phenylhydrazine induced oxidative stress and hepatotoxicity in animal model", "Management of rice blast disease based on plant activators, nutrients and characterization of epidemiological factors of different ecological zones", "Constrained classical and quantum dynamics on curved spaces", "Vulnerability analysis of women waged labourers in agriculture sector and its implication for standards and rights at work in Punjab, Pakistan.", "Assessment and management of narrow brown leaf spot disease (Cercospora and rights at work in Punjab, Pakistan.", "Assessment and management or narrow brown lear spot disease (*Cercuspora oryzae*) of rice", "Assessing the sustainability of Rice-wheat cropping system through sesbania green manuring in agroecological zones of Punjab using sequential modeling under DSSAT", "Production and characterization of biodiesel from microalgae", "Appraising the Effect of Conventional and Nanofertilizers for Nutrient Use Efficiency and Yield Benefits in Maize Under Saline Conditions", "Resistance enhancement in chilli against bacterial wilt through phenolic antioxidants, chemicals and antibiotics", "Oleoresins, extraction, characterization and end use perspectives", "Genetic diversity of soybeans for response to rhizobia and its impact on yield and quality", "Genetic basis of quality and yield contributing traits under normal and salinity stress in Sunflower (*Helianthus annuus* L.)", "Ramification of sugarcane bagasse based adsorbent on the quality and stability of degraded adible fate and sile". "Improving soil health and productivity of rice-wheat cropping system through and stability of degraded edible fats and oils", "Improving soil health and productivity of rice-wheat cropping system through green and brown manuring", "Nutritional enrichment of straw from genetically improved wheat and its effect on production performance of Sahiwal cattle", "Analysis of cropping pattern shift from cotton in Punjab Pakistan: Implications for the cotton revival", respectively. Now the PhD club raised up to 2453.

PLACEMENT OF PhD THESIS FOR PEER REVIEW

PhD thesis of Mr. Usama Ahmad, Regd. No. 2013-ag-3571, a PhD student of Plant Pathology will be placed in the office of Chairman Department of Plant Pathology, UAF for peer review w.e.f. 06-01-2025 to 13-01-2025. The title of thesis is "Exploitation of biochemical and epidemiological factors conducive for citrus scab (*Elsinoë fawcettii*) and its management". The observations/suggestions received as a result of peer-review will be incorporated in the final thesis to be submitted to Controller of Examination for further processing.

PhD THESIS/SYNOPSIS DEFENCE

- Mr. Muhammad Amjid, Regd. No. 2013-ag-2785, a PhD student, Department of Agronomy, will defend his PhD thesis on 08-01-2025 at 10:30 am in the Department of Agronomy, Faculty of Agriculture, UAF. The title of his thesis is "Soiless Cereal Cultivation a strategy to combat fodder scarcity". All interested persons are invited to participate.
- Mrs. Hefza Afzal, Regd. No. 2010-ag-3563, a PhD student of the Department of Plant Pathology, will defend her PhD synopsis at university level on 08-01-2025 at 02:00 pm in the conference room of the Department. The title of her synopsis is "Investigating the factors influencing disease pattern of Alternaria blight on Brassicaceae". All interested are requested to participate.
- Miss Tahira Naseem, Regd. No. 2010-ag-2972, PhD student Institute of Horticultural Sciences will defend her PhD thesis at University level in Landscape Studio, UAF on 15-01-2025 at 10:00 am. The title of her thesis is "Role of Urban Plantation on provision of quality environment: Under current scenario of global climate change"
- Mr. Abdullah Bin Umar, Regd. No. 2011-ag-3185, a PhD Biotechnology student at Centre of Agricultural Biochemistry and Biotechnology (CABB) will defend his PhD thesis defense on 23-01-2025 at 11:30 am in the Department of CABB Lecture Room No. 01, as required under the rules. The title of his PhD thesis defense is "Genetic dissection of sucrose yield related traits in sorghum using genome wide association analysis". All the suggestions made by participants will be incorporated in thesis defense.
- Mrs. Saher Naveed, Regd. No. 2011-ag-3961, a PhD student at CABB will defend her PhD thesis at University level on 27-01-2025 at 12:00 noon in CABB (Lecture Room 1), Faculty of Agriculture. The title of her thesis is "Control of chili leaf curl disease associated single stranded DNA Viruses through CRISPR/CAS technology". All interested are invited.
- Synopsis defense of Miss. Faiza Muzammal, Regd. No. 2021-ag-1775, PhD Biochemistry entitled "Molecular Studies of Helophilic Bacteria as Bio-Fertilizer" will be held on 08-01-2025 on 03:00 pm in Postgraduate Biochemistry Block. All interested are invited to attend.
- Ms. Ayesha Jameel, Regd. No. 2021-ag-2394, PhD student in Department of Botany will defend her synopsis on 14-01-2025 at 09:30 am in the Department of Botany, UAF. The title of her synopsis is "Effect of methionine and ascorbic acid in mitigating heavy metal stress in Canola (Brassica napus L.)".
- Ms. Unsa Ajmal, Regd. No. 2021-ag-1459, a PhD student under the supervision of Dr. Muhammad Imran, Department of Parasitology, UAF will defend her synopsis on 13-01-2025 at 10:30 am in Lecture Room-1 of the Department on the research topic "Assessment of Antimicrobial Usage and Residues in Edible Fish from Selected Regions of Punjab, Pakistan". Members of supervisory committee are requested to make it convenient to attend and evaluate. All interested are invited to participate in this defense.
- Ms. Ammara Asghar, Regd. No. 2023-ag-1965, a PhD student of the Department of Rural Sociology will defend her synopsis entitled "Factors Affecting nutritional status of women and its application on their health Punjab, Pakistan" on
- 13-01-2025 at 03:00 pm at the seminar room (W.T.O Cell), UAF. All interested are cordially invited to attend.
 10. Synopsis defense of Ms. Areej Munir, Regd. No. 2021-ag-746, a PhD student at the NIFSAT, will be held on 13-01-2025 at 09:00 am in the video conference room, NIFSAT, UAF. The title of her synopsis is "Therapeutic Evaluation of Green Banana Powder as a Nutraceutical Excipient and its Impact on Gut Microbiota". All interested participants are cordially
- 11. Ms. Sidra Rehman, Regd. No. 2016-ag-1881, PhD student in Department of Botany will defend her synopsis on 16-01-2025 at 10:00 am in the Department of Botany, UAF. The title of her synopsis is "Morpho-physiological and anatomical modulations in chilli (Capsicum annuum L.) by exogenous application of thiourea under salt stress"
- 12. Ms. Anam Riaz, Regd. No. 2014-ag-2098, a student of PhD Economics has re-defended successfully her synopsis on 23-12-2024. The title of her synopsis was "Analyzing Socioecomic Factors Affecting Sustainable Livelihood of Textile Workers in Punjab, Pakistan".
- 13. Ms. Memona Nasir, Regd. No. 2014-ag-5368, a student of PhD Economics has re-defended successfully her synopsis on 23-12-2024. The title of her synopsis was "Enhancing Synergistic Security Strategies for Water-Food-Ecosystem Nexus Amid Climate Change in Pakistan".
- 14. Mr. Muhammad Ikram, Regd. No. 2018-ag-406 PhD student Department of Botany has successfully re-defended his synopsis on 02-01-2025 at 10:00 am in the Department of Botany, UAF. The title of his synopsis is "Adaptive traits in Aerva javanica (Burm.f.) Schult and Boerhavia procumbens Banks ex Roxb. For resilience against ecological constraints".
- 15. Mr. Arbaz Khan, Regd. No. 2018-ag-323, a PhD student, Department of Botany, UAF has successfully re-defended his synopsis on 02-01-2025. During his synopsis defense the members of his supervisory committee suggested changes in the synopsis title which may please be approved. Old title: "Potential role of exogenous application of thiourea and silicon dioxide nanoparticles in sunflower (*Helianthus annuus* L.). Suggested title: "Potential role of exogenous application of thiourea and silicon dioxide nanoparticles in sunflower (*Helianthus annuus* L.) under salt stress".
- Miss Sidra Moeed, Regd. No. 2021-ag-1683, PhD Chemistry student of the Department of Chemistry has successfully defended her synopsis entitled "DFT Based Strategies for Designing High Performance Small Molecular Solar Cell Materials" as required under the rules on 02-01-2024.
- 17. Miss. Afsheen Fazil, Regd. No. 2014-ag-4001, PhD student at Department of Pathology, Faculty of Veterinary Science has successfully defended her PhD synopsis on 02-01-2025 at 11:00 am in the Faculty Seminar Room. After suggestions, the revised title of her synopsis is "Evaluation of Nanochitosan and Phytochemical-Based Formulations for the Control of Colibacillosis in Broilers'
- 18. Miss Zara Javaid, Regd. No. 2021-ag-1813, PhD Biochemistry student of the Department of Biochemistry has successfully defended her synopsis entitled "Mechanisms of phytochemicals based inhibition of enhanced suicidal death of erythrocytes" as required under the rules on 27-12-2024. Miss Amna Anwer, Regd. No. 2021-ag-2208, a PhD student at CABB has successfully defended her synopsis on 02-01-
- 2025. The approved title of her synopsis is "Genomic and Transcriptomic analysis of fruit quality traits in tomato hybrids".
- 20. Mrs. Fasiha Babar, Regd. No. 2021-ag-2225, a PhD student at CABB has successfully defended her synopsis on 02-01-2025 in Lecture Room No. 1, CABB. The approved title of her synopsis is "Molecular identification and characterization of resistance genes against Fusarium wilt in Chilli (Capsicum annuum L.)".
- Miss Ayesha Faiz, Regd. No. 2020-ag-963, PhD student of Botany has successfully defended her PhD synopsis at University level on 02-01-2025. The title of her synopsis was "Defining host specific interaction of soybean genotypes with local Rhizobium strains". As per suggestions by faculty members, the title has been modified as "Host specific interaction of soybean genotypes with local Rhizobium strains for Nitrogen fixation".
- 22. Mr. Ahsan Mubarak, Regd. No. 2017-ag-9747, a PhD student, Department of Agronomy, has successfully defended his PhD synopsis on 26-12-2024. The title of his synopsis is "Exploring the potential of nitric oxide and hydrogen sulfide for improving thermotolerance in wheat".

- 23. Miss Salma Niaz, Regd. No. 2007-ag-2313, a PhD student, Department of Agronomy, has successfully defended her PhD synopsis on 26-12-2024. The title of her synopsis is "Assessing the impact of intercropping under various planting geometries on sustainable sugarcane productivity and economic efficiency".
- 24. Ghulam Abbas, Regd. No. 2007-ag-1923, a PhD student, Department of Agronomy, has successfully defended his PhD synopsis on 26-12-2024. The title of his synopsis is "Optimization of Agronomic Strategies to Maximize Fiber Yield and Quality in Ramie (*Boehmeria nivea* L.)".
- 25. Mr. Suleman Raza, Regd. No. 2010-ag-3290, PhD student of the Department of Plant Breeding and Genetics has successfully defended his PhD synopsis titled "Genetic evaluation of sorghum sudangrass hybrids for forage yield and quality traits under water deficit condition" on 01-01-2025. As per suggestions given by the teachers/participants during presentation of the synopsis, a minor change has been made in the title as "Genetic dissection of forage yield and quality traits in sorghum-sudangrass hybrids under water deficit conditions".
- 26. Mr. Saleem Bahzad, Regd. No. 2013-ag-3645, PhD student of the Institute of Horticultural Sciences has successfully defended his synopsis in a seminar held on 06-01-2025. The title of his synopsis is "Exploring the Efficacy of Biochar and Silicon in Mitigating Cadmium Stress in Carrot (*Daucus carota* L.)".

AUCTION NOTICE

Open auction of farm produce of 1050 muand crop wheat at UAF Constituent College Depalpur, Okara will be held on 21-01-2025 at 11:00 am with the security refundable Rs. 100,000/-. Advance tax @ 10% from active tax filer and 20% from non-filer of the sale produce and 1/3 of the bid will be collected from the highest bidder on the spot, remaining amount will be collected before taking the farm produce. All other terms and conditions about auction may be obtained from the office. The competent authority reserves the right to accept or reject one or all of bids without assigning any reason. All interested persons are invited to bid on said date and time. If the said auction in cancelled due to any reason than the same will be held on next Monday i.e till the successful bidding.

SHORT COURSES SCHEDULE OF 1ST QUARTER STARTING W.E.F. 1ST JANUARY, 2025 TO 31ST MARCH, 2025

Professional Training & Skill Development Center, University of Agriculture, Faisalabad is offering the following short courses. Interested candidates may submit their applications on prescribed form in the office of the Director, Professional Training & Skill Development Center duly addressed to the Director, PTSD-Centre. The application should carry i) original fee deposited slip in the National Bank of Pakistan, UAF Branch, ii) Qualification proof, iii) recent photograph, iv) copy of CNIC. *Note*: 1) Employee of the University and other Goyt, Departments should have to submit their NOC.

Sr. No.	yee of the University and other Name of Course	Last Date to Apply	Class Starting Date	Duration	Eligibility to Apply	Course Fee (Total)
1.	Spoken English	Class will completion of	start after of 15 Candidates	Two Months	Matric	6500/-
2.	Introduction to Computer Basics and IT (for beginners)	Class will completion of	start after of 15 Candidates	Two Months	Matric	6500/-
3.	Computer Applications in IT	Class will completion of	start after of 15 Candidates	Two Months	Matric	6500/-
4.	Computer Short Course	Class will completion of	start after of 15 Candidates	Two Months	Matric	6500/-
5.	One Health Certificate	Class will completion of (Saturday & S	start after of 15 Candidates Sunday only)	Three Months	Graduate of Biological Sciences	5000/-
6.	Use & Maintenance of Farm Machinery	Class will completion of	start after of 15 Candidates	One Semester	Matric Science / Intermediate	700/-
7.	Poultry Feeding Course	Class will completion of	start after of 10 Candidates	Two Week	Middle Pass	200/-
8.	Livestock Feeding Course	Class will start after completion of 10 Candidates		Two Week	Middle Pass	200/-
9.	Animal Breeding & Genetics for Professional Groups	Class will completion of	start after of 10 Candidates	Two Month	Graduate in Veterinary/ Animal Husbandry/ Agri. Sciences	500/-
10.	Poultry Health	Class will completion of	start after of 10 Candidates	Two Week	Middle Pass	200/-
11.	Sheep Husbandry Course	Class will be start after completion of 10 Candidates		Two Week	Middle Pass	200/-
12.	Dairy Husbandry Course	Class will completion of	be start after of 10 Candidates	Two Week	Middle Pass	200/-
13.	Practical Poultry Management (for ladies)	Class will completion of	be start after of 10 Candidates	Two Weeks	Middle Pass	200/-
14.	Clinical Biochemistry	Class will completion or	start after f 40 Candidates	Three Months	F.Sc. (Pre-Medical), Tib-Unani, DHMS Qualified Lab. Assistant & Lab. Tech. Diploma, Acupuncture	800/-
15.	Fruit Diseases & their Control	13.01.2025	20.01.2025	Ten Days	Literate	200/-
16.	Plant Protection	13.01.2025	20.01.2025	Two Week	Middle	200/-
17.	Pest Management	13.01.2025	20.01.2025	Two Week	Literate	200/-
18.	Bee Keeping	13.01.2025	20.01.2025	One Month	Literate	400/-

19.	Farm Forestry for field			1	Agri. Graduate/Agri.	
	Officers	13.01.2025	20.01.2025	Two Weeks	Officer/ Representative of Agri. Depart.	200/-
20.	Farm Irrigation Management	13.01.2025	20.01.2025	10 Days	B.Sc.(Hons.) Agri./ B.Sc. (Hons.) Agri. Eng.	200/-
21.	Lab. Attendant	13.01.2025	20.01.2025	Three Month	Middle Pass	500/-
22.	Home Baking for Men	13.01.2025	20.01.2025	Two Weeks	Middle Pass	200/-
23.	Fruit & Vegetable Preservation (Women)	13.01.2025	20.01.2025	Two Weeks	Middle Pass	200/-
24.	Kitchen Gardening & Floriculture	13.01.2025	20.01.2025	Ten Days	Literate	200/-
25.	Fruit and Vegetable Culture	12.02.2025	23.02.2025	Two Weeks	Middle pass	200/-
26.	Nutrition for School Children	12.02.2025	23.02.2025	Two Weeks	Literate	1000/-
27.	Sericulture	12.02.2025	23.02.2025	One Month	Literate	400/-
28.	Saline-Sodic Soils Problem and Management	12.02.2025	23.02.2025	Two Weeks	Matric	200/-
29.	Water Quality for Agriculture	12.02.2025	23.02.2025	Two Weeks	Matric	200/-
30.	Sheep Husbandry Course	12.02.2025	23.02.2025	Two Week	Middle Pass	200/-
31.	Poultry Feeding Course	12.02.2025	23.02.2025	Two Week	Middle Pass	200/-
32.	Livestock Feeding Course	12.02.2025	23.02.2025	Two Week	Middle Pass	200/-
33.	Animal Breeding & Genetics for Professional Groups	12.02.2025	23.02.2025	Two Month	Graduate in Veterinary/ Animal Husbandry/ Agri. Sciences	500/-
34.	Taxidermy of Birds	12.02.2025	23.02.2025	Two Week	Matric	500/-
35.	Agro-Forestry as a Business	12.02.2025	23.02.2025	One Week	Matric (2 nd Div.)	200/-
36.	Mushroom Cultivation (Male)	12.02.2025	23.02.2025	Two Weeks	Literate	200/-
37.	Mushroom Cultivation (Female)	12.02.2025	23.02.2025	Two Weeks	Literate	200/-
38.	Lab. Assistant	12.02.2025	23.02.2025	Three Month	Matric + Lab. Attendant Pass	500
39.	Tubewell Machine Course	12.02.2025	23.02.2025	One Month	Matric	400/-
40.	Crop Diseases & their Control	11.03.2025	18.03.2025	Ten Days	Literate	200/-
41.	Allelopathy for Major Crops	11.03.2025	18.03.2025	10 Days	Literate	200/-
42.	Planting Geometry of Major Crops	11.03.2025	18.03.2025	Two Weeks	Literate	200/-
43.	Methods for Seed Testing	11.03.2025	18.03.2025	Three Weeks	Matric	200/-
44.	Home Baking for Women	11.03.2025	18.03.2025	Two Weeks	Middle Pass	200/-
45.	Fruit & Vegetable Preservation (Men)	11.03.2025	18.03.2025	Two Weeks	Middle Pass	200/-
46.	Design and Evaluation of Surface Irrigation Methods	11.03.2025	18.03.2025	10 Days	B.Sc.(Hons.) Agri./ B.Sc. (Hons.) Agri. Eng.	200/-
47.	Crop Management on Problem Soils	11.03.2025	18.03.2025	Two Weeks	Matric	200/-
48.	Remedial Measures for Saline and Alkaline Soil	11.03.2025	18.03.2025	One Week	Matric	200/-
49.	Dairy Husbandry Course	11.03.2025	18.03.2025	Two Week	Middle Pass	200/-
50.	Forest Nursery Establishment	11.03.2025	18.03.2025	One Week	Matric (2 nd Div.)	200/-
51.	Mushroom Cultivation (Male)	11.03.2025	18.03.2025	Two Weeks	Literate	200/-
52.	Mushroom Cultivation (Female)	11.03.2025	18.03.2025	Two Weeks	Literate	200/-
53.	Use & Maintenance of Farm Machinery	11.03.2025	18.03.2025	One Semester	Matric Science / Intermediate	700/-
54.	Skill Development in High Efficiency CAD/ CAM Tools	11.03.2025	18.03.2025	One Month	DAE students of BSc. Engg.	3000/-
55.	Mali Class	11.03.2025	18.03.2025	One Year	Literate	2000/-
56.	Lab. Technician	11.03.2025	18.03.2025	Three Month	Matric+Lab. Assistant Pass	500/-