

efficiency in maize using nitrification inhibitors and polymer coated fertilizers". All academic staff/students are welcomed to read/consult and give suggestions so that thesis will be improved according with incorporation of these suggestions.

2. PhD thesis of Miss Fariha Latif, Regd. No. 2012-ag-550, entitled "Chronic effects of metals on their accumulation, DNA damage and oxidative stress in the fish" will be placed in the office of the Chairman, Department of Zoology, Wildlife & Fisheries for one week i.e. from 02-01-2018 to 09-01-2018. The faculty and the students are invited to review the thesis for positive criticism and suggestions.

PHD THESIS/SYNOPSIS DEFENSE

1. Mr. Ghulam Ghaus, Regd. No. 2013-ag-6087, a PhD student of the Department of Rural Sociology will defend his synopsis entitled "A Sociological Analysis of the Implications of Modernity for Family Structure and functions in Punjab Pakistan" on 04-01-2018 at 02:00 pm at the seminar room (W.T.O Cell), UAF. All interested are cordially invited to attend.
2. Mr. Muhammad Iqbal, Regd. No. 2016-ag-5787, a PhD student of the Department of Entomology, will defend his PhD synopsis entitled "Phenology and sustainable management of *Bemisia tabaci* on cotton crop in Punjab" on 10-01-2018 at 02:00 pm in the Video Conference Room (DLC-2), UAF. All concerned are requested to attend and contribute.
3. Mr. Muhammad Yasir, Regd. No. 2008-ag-28, a PhD student of the Department of Entomology, will defend his PhD synopsis entitled "Persistence and efficacy of biorational insecticides on grain commodities and surfaces for the management of insect pests of stored grains" on 10-01-2018 at 02:30 pm in the Video Conference Room (DLC-2), UAF. All concerned are requested to attend and contribute.
4. Mr. Safdar Ali, Regd. No. 2010-ag-3002, a PhD student of the Institute of Agricultural Extension & Rural Development will defend his synopsis entitled "Analysis of Challenges and Opportunities of Family Farming: A Case Study of District Nankana Sahib, Punjab, Pakistan" on 04-01-2018 at 11:00 am in the Seminar Room of the Institute of Agricultural Extension & Rural Development, UAF. All interested are invited to participate.
5. Miss Rameesha Amjad Ali, Regd. No. 2010-ag-3287, a PhD student of the Department of Entomology, will defend her PhD synopsis entitled "Bioactivity of inert dusts and microbial pesticides against Lesser grain borer *Rhizopertha dominica* and Khapra beetle *Trogoderma granarium*" on 10-01-2018 at 03:00 pm in the Video Conference Room (DLC-2), UAF. All concerned are requested to attend and contribute.
6. Mr. Asif, Ali, Regd. No. 1994-ag-1112, a PhD student of the Institute of Agricultural Extension & Rural Development will defend his synopsis entitled "Analysis of Fertilizer Management Practices at Farm Level in Rice-Wheat Cropping Zone of the Punjab, Pakistan" on 05-01-2018 at 10:00 am in the Seminar Room of the Institute of Agricultural Extension & Rural Development, UAF. All interested are invited to participate.
7. Mr. Faqir Muhammad Ch., Regd. No. 2016-ag-5682, PhD student in the Department of Farm Machinery and Power, Faculty of Agri. Engineering & Technology, UAF will defend his PhD synopsis on 03-01-2018 at 11:00 am in the Faculty of Agri. Engineering and Technology. The title of his synopsis is "Development of Auto-Mechanical System for Sustainable Handling Quality Water in Faisalabad Town".
8. Mr. Muhammad Umair, Regd. No. 2010-ag-2306, a student of PhD Agricultural Engineering, Department of Farm Machinery and Power, UAF will defend his synopsis at the University level on 05-01-2018 at 10:00 am in the Instrumentation Lab. for Post-Graduate students in Faculty of Agricultural Engineering and Technology. The title of his synopsis is "Design, Development and Performance Evaluation of Small Scale Rice Paddy Transplanter". All the faculty members and students are requested to attend the seminar.
9. Mr. Muzaffar Ghafoor, Regd. No. 2007-ag-1512, PhD student, Department of Clinical Medicine and Surgery will defend his synopsis entitled "Capsular Typing of *Staphylococcus aureus* Mastitis isolates and Evaluation of ISCOMATRIX Adjuvanted Vaccine in Cows and Buffaloes" on 04-01-2018 at 11:00 am in the Museum of Faculty of Veterinary Science. All faculty members and their postgraduate students are cordially invited to participate in the seminar for their valuable suggestions.
10. Mr. Muhammad Haleem Tayyab, Regd. No. 2009-ag-3460, PhD student, Department of Clinical Medicine and Surgery will defend his synopsis entitled "Epidemiology and Therapeutic Trial of Piroplasmiasis in Game Horses in Pakistan" on 04-01-2018 at 11:20 am in the Museum of Faculty of Veterinary Sciences. All faculty members and their postgraduate students are cordially invited to participate in the seminar for their valuable suggestions.
11. Mr. Shujaat Hussain, Regd. No. 97-ag-1606, PhD student, Department of Clinical Medicine and Surgery will defend his synopsis entitled "A Survey of Iodine Deficiency in Cattle on institutional dairy farms of Punjab and Therapeutic Evaluation of DMSO-Iodized oil injection in Summer Hyperthermia" on 04-01-2018 at 10:30 am in the Museum of Faculty of Veterinary Science. All faculty members and their postgraduate students are cordially invited to participate in the seminar for their valuable suggestions.
12. Ms. Zaima Umar, Regd. No. 2007-ag-1535 a PhD student, Department of Anatomy FVS will defend her synopsis entitled "Histomorphometrical studies on the digestive tract, associated glands and serum biochemistry in ostrich (*Struthio camelus*) with progressing age and sex in Pakistan" on 04-01-2018 at 11:00 am in Undergraduate Histology Lab, Faculty of Veterinary Science, UAF. All interested participants are cordially invited.
13. Mr. Muhammad Usman, Regd. No. 2009-ag-3360 a PhD student, Department of Anatomy FVS will defend her synopsis entitled "Female genital system of one humped camel in relation to thermoregulation" on 04-01-2018 at 11:00 am in Undergraduate Histology Lab, Faculty of Veterinary Science, UAF. All interested participants are cordially invited.
14. Mr. Shahzaib, Regd. No. 2010-ag-2328, a student of PhD Agricultural Engineering, Department of Farm Machinery and Power, UAF will defend his synopsis at the University level on 05-01-2018 at 11:00 am in the Instrumentation Lab. for Post-Graduate students in Faculty of Agricultural Engineering and Technology. The title of his synopsis is "Indigenous Development of Carrot Digging and Picking Machine". All the faculty members and students are requested to attend the seminar.
15. Miss Zuhra Mazhar, Regd. No. 2007-ag-2383, PhD student of the Institute of Soil and Envi. Sci. will re-defend her synopsis in a seminar at the University level on 04-01-2018 at 11:00 am in the Library of Institute of Soil and Environmental Sciences. The previous title of her synopsis was "Genetic variability and growth potential of black gram (*Vigna mungo* L.) under saline conditions". She wants to change her work plan. The new title of her synopsis is "Improving Zinc contents of Rice (*Oryza sativa* L.) and Wheat (*Triticum aestivum* L.) grain under salt stress". All the faculty members are requested to attend the presentation.
16. Mr. Muhammad Naeem Mushtaq, Regd. No. 2008-ag-1921, a PhD student, Department of Entomology, will defend his PhD synopsis on 09-01-2018 (Tuesday) at 02:00 pm in the Video Conference Room, UAF. The title of his synopsis is "Studies on diversity, seasonal occurrence and alternate host plants of pink bollworm".
17. Mr. Ijaz Haider, Regd. No. 1992-ag-1355, a PhD student, Department of Entomology, will defend his PhD synopsis on 09-01-2018 (Tuesday) at 03:00 pm in the Video Conference Room, UAF. The title of his synopsis is "Assessment of population dynamics, host plant resistance and potential of Entomopathogenic fungi against Rice White Backed Planthopper *Sogatella furcifera* (Horvath) (Homoptera: Delphacidae)".
18. Mr. Hafiz Awais Amjad, Regd. No. 2009-ag-2795, a PhD student of the Institute of Agricultural Extension & Rural Development will defend his synopsis entitled "Adaptation and coping strategies regarding climate change: case of Livestock farmers in Punjab Province" on 05-01-2018 at 10:00 am in the Seminar Room of the Institute of Agricultural Extension & Rural Development, UAF. All interested are invited to participate.
19. Ms. Sidra Noreen, Regd. No. 2014-ag-364, a PhD student of the Department of Rural Sociology will defend her synopsis entitled "A Sociological study of Changing Cultural Patterns with reference to Modernization in Punjab, Pakistan" on 05-01-2018 at 02:00 pm at the seminar room (W.T.O Cell), UAF. All interested are cordially invited to attend.

20. Miss Sidra Nazeer, Regd. No. 2010-ag-2076, PhD student of National Institute of Food Science & Technology, UAF, has successfully defended her PhD synopsis on 20-12-2017. The committee has suggested some minor changes in the study plan. The title of her PhD synopsis is "Exploring the effect of grapefruit albedo and seed on Diabetes mellitus and immune system".
21. Mr. Muhammad Asim, Regd. No. 2009-ag-2766, PhD student of Animal Breeding and Genetics, Institute of Animal and Dairy Sciences has successfully defended his synopsis with title "Milk protein variants and their association with milk yield in Dairy Cattle and Buffaloes" as required under the rules on 29-12-2017.
22. Hafiz Faisal Riaz, Regd. No. 2007-ag-1947, PhD student of the Department of Plant Breeding and Genetics has successfully defended his PhD synopsis titled "Genetic analysis of newly developed sunflower (*Helianthus annuus* L.) lines for seed yield and oil quality" on 14-12-2017. As per suggestions given by the teachers/participants during presentation of the synopsis a minor change has been made in the title as "Genetic analysis of newly developed sunflower (*Helianthus annuus* L.) lines for achene yield and oil quality for hybrid development".
23. Miss Tahira Naseem, Regd. No. 2010-ag-2972, PhD student of the Institute of Horticultural Sciences has successfully defended her synopsis in a seminar held on 22-12-2017. The title of her synopsis is "Role of Urban Plantation in Provision of Quality Environment: under current scenario of global climate change".
24. Miss Nisa Mukhtar, Regd. No. 2010-ag-2969, PhD student of the Institute of Soil and Environmental Sciences has successfully defended her synopsis in a seminar at the University level on 27-12-2017 at 09:30 am in the Library of the Institute of Soil and Environmental Sciences. The title of her synopsis is "Zinc and Iron bio-fortification in wheat and rice".
25. Mr. Atif Javed, Regd. No. 2007-ag-2215, PhD student of the Institute of Soil and Environmental Sciences has successfully re-defended his synopsis in a seminar at the University level on 27-12-2017 at 11:00 am in the Library of Institute of Soil and Environmental Sciences. The new title of his synopsis is "Simulation of soil water and nitrogen under different management practices in maize-wheat rotation".
26. Miss. Mahreen Alam, Regd. No. 2014-ag-2677, a PhD student of Economics has successfully defended her synopsis on 21-12-2017 at 10:00 am in the seminar room of Faculty of Social Sciences. The committee has suggested some minor changes in the title. Now the title of her PhD synopsis is "Impact of ground water quality on agriculture in Punjab, Pakistan".
27. Miss Kamra Mahmood, Regd. No. 2000-ag-1113, PhD student in the Department of Plant Pathology, has successfully defended her PhD synopsis at University level on 22-12-2017. The title of her synopsis according to the suggestions with minor change is as "Biochemical basis of resistance in potato against common scab (*Streptomyces scabies*) and its management".
28. Mr. Muhammad Rizwan, Regd. No. 2010-ag-3055, student of PhD Food Technology at National Institute of Food Science & Technology, UAF, has successfully defended his PhD synopsis on 26-12-2017. The committee has suggested some minor changes in the research plan.
29. Miss Shazia Rasool, Regd. No. 2009-ag-2648, PhD student of the Institute of Horticultural Sciences has successfully defended her synopsis in a seminar held on 19-12-2017. The title of her synopsis has been modified by seminar committee as "Development of sustainable soilless substrate for nursery production of selected bedding ornamentals using indigenous agricultural wastes".
30. Miss Maryam Naveed, Regd. No. 2014-ag-1607, PhD Chemistry student of the Department of Chemistry has successfully defended her synopsis titled "Computational Study and Synthesis of Cynuric Chloride Based UV Absorbers" as required under the rules on 22-12-2017. This topic has been modified with minor alterations in response to suggestions given during synopsis defense as "Computational Study and Synthesis of Cyanuric Chloride Based UV Absorbers".
31. Mr. Muhammad Hassan, Regd. No. 2014-ag-1093, PhD student of CABB has successfully defended his synopsis entitled "Biodiversity and interaction of Alphasatellites with plant DNA polymerases" as required under the rules on 19-12-2017.
32. Miss. Natasha Erum, Regd. No. 2013-ag-782, PhD Biochemistry student of the Department of Biochemistry has successfully defended her synopsis titled "Screening and molecular studies of cyclotides from indigenous plants of Azad Kashmir" as required under the rules on 19-04-2017. This topic has been modified with minor alterations in response to suggestions given during synopsis defense as "Screening and molecular studies of cyclotides from flora of Azad Kashmir".

PENALTY IMPOSED

In exercise of the powers under Regulation 17a (1) & 4(i) of the UAF Students (Discipline & Conduct) Regulations, 1978 and on the recommendations of Campus Advisory Committee, DSA hereby impose the penalties on having been found guilty of indiscipline and misconduct at the Campus upon (i) Mr. Muhammad Kamran, Regd. No. 2016-ag-3126, M.Phil Physics, 3rd Semester (ii) Miss Amna Nawaz, Regd. No. 2017-ag-4498, M.Sc. Chemistry, 1st Semester (iii) Mr. Nabil Sarwar, Regd. No. 2016-ag-430, MS Marketing, 3rd Semester (iv) Miss Sadia Kousar, Regd. No. 2016-ag-2242, M.Sc. Chemistry, 3rd Semester (v) Mr. Wahajat Ali Bukhari, Regd. No. 2013-ag-4549, B.Sc. Hons. Agri. Engineering (vi) Miss Saima Zulfiqar, Regd. No. 2016-ag-1655, M.Sc. Zoology, 3rd Semester, fined Rs. 1000/- only and warned to be careful in future, respectively (vii) Miss Khadija Ali, Regd. No. 2017-ag-1616, M.A English, 1st Semester (viii) Miss Alina Ayub, Regd. No. 2017-ag-1624, M.A English, 1st Semester (ix) Miss Zunaira Sheikh, Regd. No. 2017-ag-5453, M.A. English, 1st Semester (x) Mr. Qumber Ali Khan, Regd. No. 2017-ag-1627, M.A English 1st Semester (xi) Mr. Hassan Riaz, Regd. No. 2017-ag-1657, M.A English, 1st Semester, warned to be careful in future, respectively (xii) Mr. Anil Ajaz, Regd. No. 2016-ag-339, M.Com, 3rd Semester (xiii) Mr. Hassan Nawaz, Regd. No. 2016-ag-592, M.Com, 3rd Semester (xiv) Mr. Saqib Khan, Regd. No. 2016-ag-5733, M.Sc. Mathematics, 3rd Semester, fined Rs. 2000/- only, placed on probation for the rest of their stay in the University, on having been found in fighting with each other at shopping center market, respectively (xv) Mr. Nasir Iqbal Bajwa, Regd. No. 2013-ag-2831, M.Sc. Hons. Food Science & Technology, 1st Semester, fined Rs. 1000/- only and warned to be careful in future (xvi) Mr. Falak Sher, Regd. No. 2013-ag-2978, M.Sc. Hons. Food Science & Technology, 1st Semester (xvii) Mr. Khawaja Tayyab Ahmad, Regd. No. 2013-ag-3140, B.Sc. Hons Food Science & Technology (Completed), fined Rs. 2000/- only and warned to be careful in future, respectively. The fine must be deposited in Account No. 11-9, National Bank of Pakistan, UAF Branch within ten (10) days of the issuance of this notification. The Bank Challan showing payment of fine must be submitted in the office of the DSA within the stipulated period failing which the name of the defaulter will be struck off from the University rolls by the Dean/Director/concerned and he can be restrained for further enrollment. As provided under Regulation 19(3) of the relevant Regulations, the above students, if so desire, may file appeal(s) within fifteen (15) days from the date of announcement of the orders to the PO (Students' Affairs). They are also eligible to file review appeal(s) against the orders passed on their appeals, if contrary to pray made in the appeals, to the VC within fifteen (15) days from the announcement of the orders on their appeals as provided under Regulation 20 (1) of the relevant Regulations.

TENDER NOTICE

Sealed tenders are invited from the firms/contractors registered/enlisted with the UAF for the following works at UAF on items rate/ the percentage rate circulated by the Finance Department Government of the Punjab as per PPRA rules. Last date for the purchase of tender Documents: 04-01-2018. Date of receiving and opening on 05-01-2018 at 11:00 am to 11:30 am.

Name of Work	Amount (Rs.)	Bid Security @ 2% of estimated cost	Time Limit
Provision of overhead Tanki at Main road House No. 7 UAF.	73,450/-	1469/-	One Week

Tender documents can be obtained from the office of the Executive Engineer, (ECD-M) UAF against written request accompanied with attested copy of enlistment/ up to date renewal letter and fee receipt valid P.E.C license up to 31-12-2018 (If required). Authority letter on pad form of contractor/firm, identity card of contractor/managing partner of the firm, registered partnership deed with power of attorney, and on payment of prescribed tender fee into the account No. 11-9/NBP, UAF Branch. 2. Tender rate and amount should be filled in figure as well as in words and tender should be signed as per general direction in the tender documents. 3. Tempered tender or sent by post will not be entertained. 4. No conditional tender or tender without bid security @ 2% of tender

cost in shape of deposit at call of any schedule bank and attested copy of registered partnership and power of attorney in case of firm will be entertained. 5. The Executive Engineer, (ECD-M) reserves the right to reject all tenders at any time prior to acceptance. The concerned contractor shall be communicated the ground of its rejection but it is not required to justify the ground of rejection.

AUCTION NOTICE

Cotton Sticks 8 kanal Sq. No. 16 Block No. 19, 5 will be sold by open auction on 09-01-2018 at 10:00 am at Students Farm, Department of Agronomy, UAF. Interested persons may bid. One third amount of the bid will be realized at the spot.

SHORT COURSES SCHEDULE

Department of Continuing Education, University of Agriculture, Faisalabad is offering the following short courses. Interested candidates may submit their applications on prescribed form in the office of the Chairman, Department of Continuing Education duly addressed to the Dean, Faculty of Social Sciences. The application should carry i) original fee slip deposited in the National Bank of Pakistan, UAF ii) relevant documents iii) recent photograph, iv) copy of CNIC. **Note:** Employee of the University and other Govt. Departments should have to submit their NOC for their own and their children application through proper channel.

Sr. #	Name of Course	Last Date to Apply	Class Starting Date	Duration	Eligibility to Apply	Fee
1.	IELTS	Class will start after completion of 15 Candidates		Two Months	Intermediate	8000/-
2.	German Language	Class will start after completion of 15 Candidates		Two Months	Intermediate	8000/-
3.	Spoken English	Class will start after completion of 15 Candidates		Two Months	Matric	6500/-
4.	Computer Short Course	Class will start after completion of 15 Candidates		Two Months	Matric	6500/-
5.	Drawing Course	Class will start after completion of 15 Candidates		One Month	Middle Pass	2000/-
6.	Stitching & Dyeing	Class will start after completion of 15 Candidates		One Months	Middle Pass	2000/-
7.	Clinical Biochemistry	Class will start after completion of 40 Candidates		Three Months	F.Sc. (Pre-Medical), Tib-Unani, DHMS Qualified Lab. Assistant & Lab. Tech. Diploma, Aucopuncture	800/-
8.	Use & Maintenance of Farm Machinery	Class will start after completion of 15 Candidates		One Semester	Matric Science/ Intermediate	700/-
9.	Sheep Husbandry	Class will be start after completion of 10 Candidates		Two Weeks	Middle Pass	200/-
10.	Dairy Husbandry	Class will be start after completion of 10 Candidates		Two Weeks	Middle Pass	200/-
11.	Poultry Feeding Course	Class will be start after completion of 10 Candidates		Two Week	Middle Pass	200/-
12.	Livestock Feeding Course	Class will be start after completion of 10 Candidates		Two Week	Middle Pass	200/-
13.	Nutrition for School Children	15.01.2018	29.01.2018	Two Week	Literate	1000/-
14.	Fruit & Vegetable Preservation (Male)	15.01.2018	29.01.2018	Two Weeks	Middle Pass	200/-
15.	Dairy Product	15.01.2018	29.01.2018	Two Week	Primary	1000/-
16.	Horticultural Nurseries	15.01.2018	29.01.2018	Three Months	Matric	500/-
17.	Cultivation of Medicinal Plants	15.01.2018	29.01.2018	Three Months	Matric	500/-
18.	Fruit & Vegetable Culture	15.01.2018	29.01.2018	Two Weeks	Middle Pass	200/-
19.	Design and Evaluation of Surface Irrigation Methods	15.01.2018	29.01.2018	10 Days	B.Sc.(Hons.) Agri./ B.Sc. (Hons.) Agri. Engg.	200/-
20.	Allelopathy for Crops	15.01.2018	29.01.2018	Ten Days	Literate	200/-
21.	Agro-Forestry as a Business	15.01.2018	29.01.2018	One Week	Matric (2 nd Div.)	200/-
22.	Kitchen Gardening & Flori-Culture (Female)	15.01.2018	29.01.2018	Ten Days	Literate	200/-
23.	Water Quality for Agriculture	15.01.2018	29.01.2018	Two Weeks	Matric	200/-
24.	Mushroom Cultivation (Male)	15.01.2018	29.01.2018	Two Weeks	Literate	200/-
25.	Advance Mali Class	12.02.2018	26.02.2018	Three Months	Mali Course Pass or Three Years Experience in relevant field	500/-
26.	Forest Nursery Establishment	12.02.2018	26.02.2018	One Week	Matric (2 nd Div.)	200/-
27.	Saline -Sodic Soils Problem and Management	12.02.2018	26.02.2018	Two Weeks	Matric	200/-
28.	Pest Management	12.02.2018	26.02.2018	Two Weeks	Literate	200/-
29.	Mushroom Cultivation (Female)	12.02.2018	26.02.2018	Two Weeks	Literate	200/-
30.	Building Material and Home Construction	12.02.2018	26.02.2018	One Month	F.Sc. Pre.Engg.	400/-
31.	Fruit & Vegetable Preservation (Female)	12.02.2018	26.02.2018	Two Weeks	Middle pass	200/-
32.	Lab. Assistant	12.02.2018	26.02.2018	Three Months	Matric+ Lab. Attendant Pass	500/-
33.	Methods for Seed Testing	12.02.2018	26.02.2018	Three Weeks	Matric	200/-
34.	Farm Forestry for field Officers	12.02.2018	26.02.2018	Two Weeks	Agri. Graduate/Agri. Officer/ Representative of Agri. Department	200/-
35.	Tunnel Farming	09.03.2018	19.03.2018	Six Months	Matric	700/-
36.	Farm Irrigation Management	09.03.2018	19.03.2018	10 Days	B.Sc. (Hons.) Agri. Engg., B.Sc. (Hons) Agri.	200/-
37.	Mali Class	09.03.2018	19.03.2018	One Year	Literate	2000/-
38.	Planting Geometry of major Crops	09.03.2018	19.03.2018	02 Weeks	Literate	200/-
39.	Crop Management on Problem Soils	09.03.2018	19.03.2018	Two Weeks	Matric	200/-
40.	Taxidermy of Birds	09.03.2018	19.03.2018	Two Weeks	Matric	500/-
41.	Population Welfare	09.03.2018	19.03.2018	Two Weeks	Married	200/-
42.	Remedial Measures for Saline and Alkaline Soil	09.03.2018	19.03.2018	One Week	Matric	200/-