

MPhil Supervised

- 1) Khan, M. 2017. Study of mtDNA in the young deaf population of Abbottabad District. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 2) Ashraf, B. 2017. mtDNA mutations linked with non syndromic hearing loss in the patients of Swabi District. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 3) Karim, A. 2017. Medicinal plants resources and their indigenous uses in Samar Bagh area. MPhil thesis. Department of Botany Hazara University Mansehra.
- 4) Abbasi, A. 2016. Phytosociological variation in vegetation of surroundings of Balakot city Mansehra. MPhil thesis. Department of Botany Hazara University Mansehra.
- 5) Khan, M. A. 2016. Variation in the mitochondrial HVS-I and II regions in the Uthman Khail Tribe of District Dir. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 6) Khan, K. A. 2016. Variation in the Mitochondrial hyper variable sequence I and II of Tharkiani Tribe. MPhil thesis. Department of Zoology Hazara University Mansehra.
- 7) Ziaullah,. 2016. Phylogenetic analysis of some fleshy fungi of Swat District. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 8) Bukhari, M. 2016. Study of variations in the mitochondrial HVSI and HVSII regions of Kohistani tribe of Swat. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 9) Gul, H. 2016. Phenotypic and molecular characterization of tea clones of NTRI. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 10) Ullah, N. 2016. Genetic Studies of Khalil Tribe of Peshawar through Dental Morphology and DNA analysis. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 11) Umer, S. 2016. Genetic Studies of HVSI and HVSII region of Mt DNA in major native tribes of Dir Kohistan. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 12) Hussain, A. 2015. Prevalence of Hepatitis B and C viral infections in the young population of District Abbottabad. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 13) Ali, M. 2015. Genetic profiling of Mashwani tribe of Hazara Region through dental morphology and Mt DNA analysis. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 14) Khan, S. 2015. Genetic analysis of the Awan tribe of Haripur district through dental morphology and DNA analyses. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 15) Zubair, H. 2015. Study of variations in the *HVSI* and *HVSII* mitochondrial regions in Yousafzai tribe of Swat. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 16) Shah, F.H. 2015. Study of tRNA Gene Mutations in Families with Epilapsy. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 17) Ahmad, N. 2015. Study of dental morphology and *mt* DNA of Karlal tribe of Abbottabad. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 18) Shah, A. W. 2015. Autosomal Recessive Oculo-Cutaneous Albinism in some families of Khyber Pakhtunkhwa. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 19) Khan, A. 2015. Mutations in the Mt tRNA (Leu) gene of diabetic patients in District Haripur. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 20) Khan, G. 2015. Evaluation of Awan tribe of Mansehra District through dental morphology and DNA analysis. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 21) Rehman, S. 2015. Study of mitochondrial DNA mutations among deaf population of Peshawar. MPhil thesis. Department of Genetics Hazara University Mansehra.

- 22) Khan, A. 2015. Assessment of HCV infection and quantification of viral load with respect to age and gender in District Swat. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 23) Aziz, S. 2015. Morphogenetic elaboration of leaf rust resistance genes in selected Pakistani wheat, germplasm. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 24) Ahmad, N. 2015. Autosomal recessive primary microcephaly in families from DI Khan District. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 25) Hussain, M. 2015, Spectrum of Mt DNA Mutations in the families with Myclonus epilasy from Abbotabad. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 26) Sundas, J. 2015. Genetic diversity in Aloe vera elaborated through DNA and protein markers. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 27) Fazali, A. 2015. Prevalence of active Hepatitis C virus circulating in district Mardan of Khyber Pakhtunkhwa. M.phil thesis. Department of Genetics Hazara University Mansehra.
- 28) Ayaz, K. 2015. Genotyping of the commercially important medicinal plants through selected DNA markers. M.phil thesis. Department of Genetics Hazara University Mansehra.
- 29) Shahzadi, K. 2014. Ethnogenetic nvestigation of Swati sub-tibes of Mansehra based on DNA analysis. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 30) Nawaz, H. 2014. Variations in the HVSI and II regions of mtDNA in Syed and Gujjar tribes of Mansehra. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 31) Zakaria, M. 2014. Genetic elaboration of Shama Khel tribe of Swat through dental morphology and mitochondrial DNA analyses. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 32) Shah, B. A. 2014. Role of genetically improved *Bacillus subtilis* proteases augmented in antifungal formulations for skin wound healing. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 33) Ullah, F. 2014. Spectrum of mutations in Exon 5 of the retinol hydrogenase gene in blind patients of Abbottabad and Peshawar Districts. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 34) Habib, M. 2014. Ethnogenetic elaboration of Gujar tribe of Haripur district through dental morphology and DNA analysis. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 35) Khan, H.N. 2014. Variation in the HVS1 and HVS11 regions of mt DNA in syed and Gujar tribes of Mansehra. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 36) Khan, Y. 2013. Morphological characterization and molecular identification of bacterial blight resistance against xa13 Gene in *Oryza sativa* L. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 37) Iqbal, A.2014. Heterosis and combining ability studies in Indian baby pumpkin. . M.Phil thesis. Department of Genetics Hazara University Mansehra.
- 38) Inayat, L. 2014. Screening advance lines for bacterial blight resistant Gene xa4. . MPhil thesis. Department of Genetics Hazara University Mansehra.
- 39) Jamal, S.G. 2014. Phenotypc trait analysis of advance lines in Rice. M.Phil thesis. Department of Genetics Hazara University Mansehra.
- 40) Batool, A. 2014. Screening of stripe rust resistance Genes in wheat using microsatellite Markers. M.Phil thesis. Department of Genetics Hazara University Mansehra.
- 41) Fazal, N. 2014. Mutation analysis of GJB2 Gene of young deaf population of Swat with

- non-syndromic hearing loss. M.Phil thesis. Department of Genetics Hazara University Mansehra (Co- supervisor).
- 42) Ali, F. 2014. Ethnogenetic elaboration of Awan and Abbasi tribes of hazara region through mtDNA analysis. M.Phil thesis. Department of Genetics Hazara University Mansehra.
 - 43) Fazal, N. 2014. Molecular Characterization of various Morchella Species using DNA and Protein Markers. . M.Phil thesis. Department of Genetics Hazara University Mansehra.
 - 44) Khan, S. 2014. Ethnogenetic elaboration of the tribes of kohistan district through dental morphology and DNA analysis. M.Phil thesis. Department of Zoology Hazara University Mansehra.
 - 45) Rehman, A. 2012. Prevalence of anti- HCV antibodies and active HCV infection among the general population of district Swabi. . M.Phil thesis. Department of Genetics Hazara University Mansehra.
 - 46) Begum, Y. 2013. Folk recipes and livelihood opportunities of medicinal flora of Kaghan Valley district Mansehra. MPhil Thesis, Department of Botany Hazara University, Mansehra.
 - 47) Muhammad. 2011. Identification of resistance against bacterial blight in *Oryza* species. M. Phil thesis. Department of Botany, Hazara University, Mansehra, Pakistan.
 - 48) Khan, Q. 2014. Ethnogenetic elaboration of Gujjar tribes of Mansehra through dental morphology and mitochondrial DNA analysis. M. Phil thesis. Department of Genetics, Hazara University, Mansehra, Pakistan.
 - 49) Rahat, M. A. 2014. Prevalence of hepatitis B and C virus in the young orphans of Nowshera. M. Phil thesis. Department of Genetics, Hazara University, Mansehra, Pakistan.
 - 50) Haq, S. M. 2014. Genetic elaboration of Abbasi tribe through dental morphology and mitochondrial DNA. M. Phil thesis. Department of Genetics, Hazara University, Mansehra, Pakistan
 - 51) Khan, R. 2013. Economics of forest management mitigating climate change: and evaluation of forest polices of Pakistan. M. Phil Thesis, Department of Botany Hazara University, Mansehra.
 - 52) Khan, U. 2013. Identification of stripe rust resistant germplasm using morphological & molecular approaches. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
 - 53) Khatoon, M. 2013. Antimycotic assay of ethanolic extracts of some medicinal plants. M. Phil Thesis, Department of Botany Hazara University, Mansehra.
 - 54) Malik, M. A. 2013. Ecological study of fresh water algae of Swabi area. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
 - 55) Rehman, A. U. 2013. Prevalence of anti-HCV antibodies and active HCV infection among the general population in District Sawabi. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
 - 56) Shafiullah. 2013. Morphogenetic characterization of Peacock races found in Pakistan. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
 - 57) Shahzad, F. 2013. Production of proteases by genetically improved bacillus subtilis of enhanced skin penetration of antibacterial topical formulation. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
 - 58) Farmanullah. 2012. Genetic analysis of leaf rust resistance using Molecular markers in *Triticum aestivum* L. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.

- 59) Hamid, F. 2012. Evaluation of maize gersomplasm for adaptability and yield parameters in the environment of Mansehra. MPhil Thesis, Department of Botany Hazara University, Mansehra.
- 60) Hussain, S. 2012. Role of Fusarium in the wilting of *Psidium guajava* in Malakand. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 61) Khan, F. A. 2012. Vitamin-D receptor polymorphisms and the breast cancer risk in Pakistani population. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 62) Salman. 2012. Evaluation of major and minor surgery as risk factor for HCV infection in District Lower Dir. MPhil Thesis, Department of Genetics, Hazara University, Mansehra.
- 63) Shiasta, B. 2012. Identific tion of DNA based marker for the leaf rust resistance genes incorporated from wild relatives to the common wheat. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 64) Tabassum, S. 2012. Genetic elaborations of some ethnic groups of Hazara through X chromosome specific markers. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 65) Ullah, H. 2012. Improvement for quality and resistance to bacterial blight in rice. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 66) Zubair, M. 2012. Genetic analysis in fish *Labeo rohita* and on *Chorynchus mykiss* using polymorphic DNA markers. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 67) Ahmad, I. 2011. Evaluation of *Vernomia anthelimitica* for seed yield in the rainfed conditions of District Mansehra. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 68) Ahmad, I. 2011. DNA based reassessment of *Mentha* species from River Kunhar catchment. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 69) Ahmad, I. 2011. Marker assisted selection for yield and powdery mildew resistance in garden pea. MPhil Thesis, Department of Botany, Hazara University, Mansehra.
- 70) Akber, K. 2011. Clinicopathological and molecular characterization of breast cancer recorded at Ayub Teaching Hospital Abbottabad. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 71) Ali, H. 2011. Morphological, biochemical and cytogenetic characterization of wide cross derivatives in rice. MPhil Thesis, Department of Genetics, Hazara University, Mansehra.
- 72) Bibi, A. 2011. Grain characteristics and seedling vigor in different genotypes of *Oryza sativa*. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 73) Firdous, S. 2011. Taxonomic and palynological studies of family *Lamiaceae* from District Abbottabad. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 74) Gul, A. 2011. Species diversity of archegoniate of Siran River catchment. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 75) Hamid, F. 2011. Evaluation of maize germplasm for adaptability and yield parameter in the environment of Mansehra. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 76) Inamullah 2011. Hepatitis C virus genotypes circulating in Swat District Khyber Pakhtunkhwa. M. Phil Thesis, Department of Genetics, Hazara University.
- 77) Iqbal, A. 2011. Reassessment of *Berberis* species from Kunhar River Catchment through Randomly Amplified Polymorphic DNA Analysis. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.

- 78) Khan, A. 2011. Evaluation of genetic diversity of wild rice through phenotypic trait analysis and reaction to bacterial blight. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 79) Khan, A. 2011. Enumeration of Genetic diversity of wild rice through phenotypic trait analysis and their reaction to Bacterial blight. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 80) Masood, R. 2011. Morphological and molecular characterization of rice germplasm for xa-5 Gene against bacterial blight. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 81) Muhammad 2011. Identification of resistance against bacterial blight in *Oryza* species. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 82) Mustafa, M. 2011. Genetic variability in okra land races through morphology trait analysis. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 83) Mustafa, M. 2011. Genetic Variability in okra land races though morphological trait analysis. MPhil Thesis, Department of Genetics, Hazara University, Mansehra.
- 84) Nawaz, F. 2011. Morphological and molecular characterization of exotic rice germplasm for bacterial blight resistance. M Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 85) Naz, S. 2011 characterization of physical grain quality and yield attributing traits of advance lines of rice. MPhil Thesis, Department of Botany Hazara University, Mansehra.
- 86) Rehana, H. 2011. Identification of gene for resistance against bacterial blight *Xanthomonas oryzae* in exotic rice germplasm. MPhil Thesis, Department of Genetics, Hazara University, Mansehra.
- 87) Tariq, M. 2011. DNA based characterization of various ethnic groups of Hazara. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 88) Ullah, H. 2011. Improvement for quality and resistance to bacterial blight in rice M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 89) Zulfiqar, M. 2011. Phytosociological study of Damgala Hills Mansehra. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 90) Ali, A. 2010. Morphological, biochemical and molecular characterization of advance line of rice. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 91) Ali, A. 2010. Prevalence of active Hepatitis C Virus infection in District Mansehra Pakistan. MPhil Thesis, Department of Genetics, Hazara University, Mansehra.
- 92) Ali, A. 2010. Molecular epidemiology of Hepatitis C Virus Genotypes in Khyber Pukhtunkhaw of Pakistan. M.Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 93) Anwar, R. 2010. Dental Morphological variations in some Ethnic Groups of Mansehra. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 94) Farooq, M. 2010. Phytochemistry and Pharmacological activities of *Sambucus nigra*. MPhil Thesis, Department of Genetics, Hazara University, Mansehra.
- 95) Hameed, A. 2010. Frequency of deranged thyroid hormone profile in non-palable thyroid nodules detected by high resolution ultrasonography. MPhil Thesis, Department of Biochemistry, Hazara University, Mansehra.
- 96) Haq, F. 2010. Species diversity and conservation status of vascular plants of Nandiar Khawar Battagram. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 97) Hayat, S. S. 2010. Conservation status and plant diversity of Batrassi Pass Mansehra

- District. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 98) Hussain, F. 2010. Studies on unicellular green Algae of District Peshawar. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 99) Majeed, A. 2010. Evaluation of some fungicides for their efficacy against late blight of potato. MPhil Thesis, Department of Botany, Hazara University, Mansehra.
- 100) Nazia, A. 2010. Genetic characterization of *Capsicum* germplasm using DNA and protein Markers. MPhil Thesis, Department of Genetics, Hazara University, Mansehra.
- 101) Qasim, M. 2010. Genetic diversity in sheep using DNA Markers. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 102) Rahatullah. 2010. Species diversity of *Coccinellidae* of Dir Valley. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 103) Shazia. 2010. Tissue specific protein isolation and their characterization from *Oryza sativa*. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 104) Waqas. 2010. Phytosociology and geographical distribution Thandiani Forests. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 105) Khan, K. R. 2009. Ecology and Phytosociology of Siran River catchment. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 106) Mehmood, S. A. 2009. DNA Based Characterization of Pheasants of Himalayan Region of Pakistan. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 107) Naveedullah 2009. Antimicrobial Activities of Genetic Variants of *Mirabilis jalapa*. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
- 108) Niaz, S. 2009. Development of molecular markers of three leaf rust resistance genes(Lr 37,Lr 47 and Lr 51) incorporated from Alien species into common wheat. M. Phil Thesis, Department of Botany, Hazara University.
- 109) Ahmad, A. 2008. Analysis of genetic variation in *Pinus* Species using SDS Page. M. Phil Thesis, Department of Botany Hazara University.
- 110) Akram, F. 2008. Genotypic elaboration of chickpea lines using RAPD DNA Markers. M.Phil. Thesis Department of Botany, Hazara University.
- 111) Akram, N. 2008. Isolation and characterization of *Ralstonia Solanaceatum* from Tomato plants in NWFP. M. Phil Thesis, Department of Microbiology Hazara University.
- 112) Ali, A. 2008. Isolation identification and antimicrobial susceptibility pattern of bacteria from burn patients in Peshawar. M. Phil Thesis, Department of Microbiology, Hazara University, Mansehra.
- 113) Inayat-ur- Rehman. 2008. Evaluation of Rapeseed genotypes for Yield Potential under Rainfed Conditions of Pakhal Plains. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
- 114) Khalilullah, I. 2008. Studies on Genetic variability at NMW-GS Loci in common wheat cultivars of Pakistan. M. Phil Thesis, Department of Botany Hazara University.
- 115) Rehman, S. 2008. Proteomic analysis of some *Brasica* species and their interspecific hybrids. M. Phil Thesis, Department of Botany Hazara University.
- 116) Sakhi, S. 2008. Comparative Genomic Studies in some species of leguminous crops. M. Phil Thesis, Department of Botany, Hazara University.
- 117) Sheikh, N. I. 2008. Impacts of the October-2005 Earthquake on the Medicinal Plants of Siran Valley. M. Phil Thesis, Department of Botany, Hazara University Mansehra.
- 118) Wahab, F. 2008. Conservation status of the commercially important medicinal plants of Chagharzai Valley. M. Phil Thesis, Department of Botany Hazara University.
- 119) Yasmin, B. 2008. Proteomic Studies in Some Species of Leguminous Crops. M. Phil Thesis,

- Department of Botany, Hazara University Mansehra.
- 120) Farmanullah. 2007. Investigation of antibiotic resistance in *Escherichia coli* causing urinary tract infection in Peshawar. M. Phil Thesis, Department of Microbiology Hazara University.
 - 121) Khan, M. A. 2007. Taxonomic study of spermatophytes of Hazara University. M. Phil Thesis, Department of Botany Hazara University.
 - 122) Khan, S. M. 2007. Genetic Diversity Analysis in Pakistani Peas Germplasm using Randomly Amplified Polymorphic DNA Markers. M. Phil. Thesis, Department of Botany, Hazara University.
 - 123) Mahmood, A. 2007. Effect of different concentration of GA3 on vitro propagation of photo varieties. M. Phil Thesis, Department of Botany, Hazara University.
 - 124) Siraj, M. 2007. Bioaccumulation of heavy metals in some edible fishes of River Kabul. M. Phil Thesis, Department of Zoology Hazara University.
 - 125) Sultanuddin. 2007. Studies on Genetic diversity in common Oak species using SDS-Page. M. Phil thesis Department of Botany Hazara University.
 - 126) Islam, M. 2006. Cytomorphological study of *Brassica napus* Linn. M. Phil Thesis, Department of Botany, Peshawar University.
 - 127) Bangash, H. 1986. Cytomorphological and chemical studies in irradiated lentil cultivar American II. M. Sc. (Hons) Thesis Department of Plant Breeding and Genetics, Faculty of Agriculture, NWFP Agricultural University, Peshawar.
 - 128) Ghani, A. 2016. Genetic diversity and inheritance pattern of flower color in *Brassica napus* L. MPhil thesis. Department of Genetics Hazara University Mansehra.