

## Curriculum Vitae- DRAFT



### Personal

Name: Dr. SANGAM KHALIL (HEC Approved Supervisor)

Designation: Assistant Professor

Department: Forestry Range & Wildlife Management

Employee Code: 4677

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Agriculture & Environmental Sciences, Islamia University Bahawalpur, Bagdad-  
Ul- Jadeed Campus, 63100.

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### Education

Ph.D PMAS AAUR University, Rawalpindi, July 2015

M.Phil PMAS AAUR University, Rawalpindi, 2009

M.Sc PMAS AAUR University, Rawalpindi, 2007

B.Sc. Punjab University, Lahore, 2005

B.Ed Allama Iqbal Open University, Islamabad, 2010

F.Sc. B.I.S.E Rawalpindi, 2002

Matric Federal Board Islamabad, 2000

### Fellowships, Awards and Grants

- VDGOOD Women Researcher Award, 2021.
- Life Fellow at Pakistan Wildlife Foundation , 2020.

- Member of Advisory Board at Scientific Association of Young Scientist Pakistan (SAYS), 2019.
- Life Fellow at Zoological Society of Pakistan, 2018.
- Member of Galliformes Specialist Group, IUCN, USA, 2018.
- Higher Education Commission Startup Research Grant Program, 2016. One years coverage of expense upto 5000\$.
- Travel Grant for Oral Presentation in IOCSEA, Thailand, 2015. Funded by Higher Education Commission. Coverage of expense upto 1000\$.
- Higher Education Commission International Research Support Initiative Program (IRSIP) Grant Program, 2014. Six months coverage of expense upto 10,000\$.
- Idea wild Research grants for Field Equipments assistance 2012-2013 upto \$3000.
- Idea wild Research grants for Field Equipments assistance 2011-2012 upto \$3000.
- Higher Education Commission Indigenous Scholarship, 2010. Three years coverage of expense upto 12000\$.
- Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, VC Talent Scholarship 2009-2010. Two years expense upto 400\$.
- Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Merit Scholarship 2009. Six months expense upto 100\$.

### **Field and Research Experience**

- Doctoral Research 2009-2015, University of Arid Agriculture Rawalpindi, Supervisor: Prof. Dr. Maqsood Anwar

This study has generated information about the preferred habitat, population density, distribution pattern, breeding aspects and threats affecting Grey Francolin in the Salt Range, one of its important range of distribution that would provide baseline data for the conservation of Grey Francolin, ultimately helping in sustaining the population of this important game bird in the Salt Range.

- Five years Thesis Report on Habitat Preferences and Breeding Biology of Grey Francolin (*Francolinus pondicrius*) in Salt Range, Punjab, Pakistan, 2009-2015.
- One year Thesis Report on Determination of food composition in Grey Francolin (*Francolinus pondicrius*) of Pothohar Area, Pakistan, 2008-2009.
- Six months survey on the Prevalence of Thyroid Disorder among Population of Islamabad, 2007.
- Species Distribution and Resource Selection Modeling Course at University of Florida, USA, 2014.
- An independent nest-box study of the Eastern Blue bird where I tested the effects of supplemental feed on breeding of Blue birds, in Florida, USA, 2014.
- DNA analysis in a biology lab of University of Florida, USA, 2014.
- A field course expertise having mist net activities, handling of birds, banding, playbacks for capturing birds, different methods to collect data about species like point count method etc.

### **Skills**

- Able to use MS WORD, MS EXCEL, MS POWERPOINT, MQ ROS-2014, R software, Distance Software 6.0, SPSS Software 6.1.
- Good communication skills and a forward-looking personality's

### **Field Skills**

- Mist-netting, Bird banding, Bird identification through sight and sound (especially of the Salt Range-Punjab, South America-Florida), Point-count surveys, Transect surveys, Auditory playback techniques, Bird Cam use, GPS use. Setting of Camp in Field. Use of Radiotelemetry in Wildlife, Animal Handling. Use of Spotting Scope, Binocular, Field cameras, Use of Sound recorder, PIT tags and Visible Implant Elastomers in wild animals.

## **Employment**

- ASSISTANT PROFESSOR at Islamia University of Bahawalpur, 1<sup>st</sup> February 2016-till date.
- One year worked as VISITING LECTURER of Essentials of Wildlife Conservation -National Perspective at Department of Wildlife Management in Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Fall 2013- Fall 2014.
- One year worked as LECTURER of BIOLOGY in Model College for Girls, I-8/4 Islamabad under National Internship program of Ministry of Education Pakistan 2010.
- One year worked as INSTRUCTOR of Zoology and Biology at Edutech University College, June 2007 - December 2008.

## **Achievements**

- Certificate of Virtual Participation on Public Lecture "Microbial Biofilm Formation and its Importance as a Drug Target" organized by OIC Ministerial Standing Committee on Scientific and Technological Cooperation (COMSTECH) on 28<sup>th</sup> February 2022.
- Certificate of Participation on 1<sup>st</sup> International Two day virtual conference of Zoology on Zoological emerging Scientific trends -ZEST - 2022 organized by department of Zoology (International) University of Education, Lahore. 18- 19<sup>th</sup> January, 2022.
- Certificate of Participation and Oral presentation by Zoological Society of Pakistan, 40<sup>th</sup> Pakistan Congress of Zoology (International) at Sindh Agriculture University, Tandojam. 14<sup>th</sup>, 17<sup>th</sup>, 18<sup>th</sup> December, 2021.
- 1-Certificate of Participation and Oral presentation by Zoological Society of Pakistan, 40<sup>th</sup> Pakistan Congress of Zoology (International) at Sindh Agriculture University, Tandojam. 14<sup>th</sup>, 17<sup>th</sup>, 18<sup>th</sup> December, 2021.

- 2-Certificate of active Participation and oral presentation of 3<sup>rd</sup> International Conference on emerging trends in earth and environmental science ETEES Lahore, Pakistan 16<sup>th</sup>-18<sup>th</sup> November,2021.
- 3-Certificate of Participation for attending webinar entitled Rewriting extinction by Paul Goodenough held in collaboration to University of Chitral, 15<sup>th</sup> November,2021.
- 4-Certificate of Participation in 1st International Conference on Bioinformatics and Computational Methods in post genomic era by Virtual University of Pakistan, 9<sup>th</sup>-10<sup>th</sup> November,2021.
- 5-Certificate of Participation for attending webinar entitled Birds of Pakistan by Dr. Zahid Bhatti held in collaboration of UVAS Lahore, 07<sup>th</sup> October, 2021.
- 6-Certificate of Participation for attending "1<sup>st</sup> International conference on research in biological sciences organized by Center to advance level research and development-CalrD , 26<sup>th</sup> September, RBS-2021.
- 7-E-Certificate of as oral presenter for attending "1<sup>st</sup> International Hybrid Mode conference on emerging innovative research trends in Biology (EIRTB-2021) organized by Kohat university of Science & technology, 11-12 August, 2021.
- 8-Certificate of Participation for attending "Principles of species conservation planning and remote conservation during a pandemic situation" jointly organized by PMAS Arid Agriculture University Rawalpindi and Virtual University Lahore, 5<sup>th</sup> June, 2021.
- 9-Certificate of Participation for attending webinar series on Pandemic and Role of Microbiologists, Organized by American Society for Microbiology, 14<sup>th</sup> April, 2021.
- 10-Certificate of Participation for attending Stem International Conference, Organized by Directorate of International Linkege at The Islamia University, Bahawalpur, Pakistan 30-31<sup>st</sup> March, 2021.

- 11-Organized & Participated in World Wildlife Day at Islamia University, Bahawalpur, Pakistan on 3<sup>rd</sup> March, 2021.
- 12-Certificate of Participation for attending Virtual Seminar on the eve of World Animal Day, Department of Zoology, Division of Science & Technology, University of Education, Lahore, Pakistan on 4<sup>th</sup> October, 2020.
- 13-Participated in Webinar on Biotechnology and Prevailing Pandemic at Department of Biotechnology Virtual University Islamabad, Pakistan on 26<sup>th</sup> August, 2020.
- 14-Certificate of Participation for International Symposium on Cultural Heritage and Human Resilience in Desert Environment, Department of Botany, PMAS-AAUR Pakistan on 17<sup>th</sup> June, 2020.
- 15-Participated in International online Seminar on Biodiversity for sustaining life on World Environment Day, Department of Botany, PMAS-AAUR Pakistan on 5<sup>th</sup> June, 2020.
- 16-Certificate of Participation for International online Seminar on Nature for Life Solutions on Biodiversity Day, Department of Botany, PMAS-AAUR Pakistan on 3<sup>rd</sup> June, 2020.
- 17-Organized & Participated in World Wildlife Day at Islamia University, Bahawalpur, Pakistan on 3<sup>rd</sup> March 2020.
- 18-Participated in 2<sup>nd</sup> International Salinity Conference at Islamia University, Bahawalpur, Pakistan on April, 2019.
- 19-Certificate of Participation and Oral presentation by Zoological Society of Pakistan, 39<sup>th</sup> Pakistan Congress of Zoology (International) at Islamia College University, Peshawar. March, 2019.
- 20-Participated in One day seminar on Importance of Medicinal Plant by University college of Agriculture & Environmental Sciences, Department

of Forestry Range & Wildlife Management, Islamia University, Bahawalpur. October, 2018.

- 21-Certificate of Participation and Oral presentation by Zoological Society of Pakistan, 38<sup>th</sup> Pakistan Congress of Zoology (International) at Punjab University, Lahore. March, 2018.
- 22-Certificate of Participation and Oral presentation by Cholistan Institute of Desert Studies, Ist International Conference on Climate Change & Biodiversity, Islamia University Bahawalpur. May, 2017.
- 23-Certificate of Participation and Oral presentation by Zoological Society of Pakistan, 37<sup>th</sup> Pakistan Congress of Zoology (International) Govt. College University Faisalabad. March, 2017.
- 24-Abstract has been Accepted and Published in "77<sup>th</sup> Midwest Fish and Wildlife Conference, 2017 USA".
- 25-Certificate of Participation in training course on "Climate Change implications and adaptation in Rural Areas" organized by Akhter Hameed Khan National Center for Rural Development Islamabad, Pakistan on December 19-23, 2016.
- 26-Participated in 1<sup>st</sup> International Salinity Conference at Islamia University, Bahawalpur, Pakistan on December 19-21, 2016.
- 27-Participated in international conference on Forestry and Environment; Challenges and Prospects and challenges" organized by Department of Forestry and Range Management ,UAF, & Faculty of Forestry, Kastmonu University, Turkey, University of Agriculture, Faisalabad, Pakistan on November 21-22, 2016.
- 28-Certificate of Participation and Oral Presentation by International Ornithological Congress of Southeast Asia (IOCSEA). 2015, Rrachawadee Resort & Hotel, Khon Kaen, Thailand) on July 20-23, 2015.

- 29-Certificate of Participation and Oral presentation by Zoological Society Pakistan, 35th Pakistan Congress of Zoology (International) University of Karachi, Karachi. March, 2015.
- 30-Certificate of active Participation in Fancy and Wild Bird show by PMAS, Arid Agriculture University Rawalpindi, 2013.
- 31-Certificate of Participation and Oral presentation by Zoological Society of Pakistan, 33<sup>rd</sup> Pakistan Congress of Zoology (International) at Convention Center, Islamabad and PMAS Arid Agriculture University, Rawalpindi, 2013.
- 32-Certificate of active Participation in Fancy and Wild Bird show by PMAS, Arid Agriculture University Rawalpindi, 2012.
- 33-Certificate of Participation by Zoological Society of Pakistan, 32th Pakistan Congress of Zoology (International) University College Lahore. March, 2012.
- 34-Certificate of Participation by Zoological Society of Pakistan, 31th Pakistan Congress of Zoology (International) University of Azad Jamu & Kashmir, Muzaffarabad. April, 2011.
- 35-Certificate of Participation and Oral presentation by Zoological Society of Pakistan, 30th Pakistan Congress of Zoology (International) University of Agriculture, Faisalabad. March, 2010.
- 36-Participated in Pakistan Wetlands Programme's Training course on "Training of Trainers on Wetland Management. December 30<sup>th</sup>, 2008-January 9<sup>th</sup>, 2009.
- 37-Awarded Certificate of Participation by National Agriculture Research Centre, Islamabad, 2007.

#### **Articles and Research Publication**

- 1. Sangam Khalil, Hussain Ahmed Makki, Sana Fatima, Ume Habbiba, Muneeb khalid , Rukhsana Khatoon and junaid Naseer. Analysis of *Cassia fistula* for the evaluation of medicine and microbial activity in Bahawalpur. International Journal of Forest Sciences. 2(1):08-20.
- 2. Tabinda Sadaf, Sangam Khalil and Sana Fatima . 2022. Determination of basic constituents and antibacterial potential of leaves, stem and flowers of *Sonchus asper* in Bahawalpur district. International Journal of Forest Sciences 2(1):40-46.
- 3.Sana Fatima , Mansoor Hameed , Farooq Ahmad , Muhammad Sajid Aqeel Ahmad , Sangam Khalil , Mahwish Munir , Muhammad Ashraf , Iftikhar Ahmad, Khawaja Shafique Ahmad , Muhammad Kaleem.2022. Structural and functional responses in widespread distribution of some dominant grasses along climatic elevation gradients.Flora.289:1-17.
- 4.Khatoon. R, M. Anwar, Sangam. Khalil and U. Habiba, 2022. Distribution and Diet composition of two Sympatric Mongoose species in Murree Kotli Sattian Kahuta National Park, Pakistan. Accepted for publication in Journal of Animal and Plant Sciences. 83(2):00.
- 5. Sangam. Khalil, A. H. Rana and T. Hussain.2022. Morphometric Analysis of Spiny Tailed Lizard (*Saara hardwickii*) from Lesser Cholistan Desert, Bahawalpur, Punjab, Pakistan .2022. Journal of Animal and Plant Sciences.. 32 (1): 301-310.
- 6. Aziz, S., J., Altaf, A. Ramzan, Ahmed, Z., Qamar, S. U. R., Awan, F. S., Sangam Khalil, K., Jehangir, R., Khalid, B., Ansari, T. Sultana , S. Sultana, H. Alsamadany, R. Alshamrani, and F. S. Awang. Characterization of the species of genus *Physa* on the basis of typological species concept from Central Punjab. 2022. Brazilian Journal of Biology. Accepted for publication and Available online. 83:1-9.
- 7. Rehman , J. U. , S. Alam, Sangam Khalil , Hussain, M., Iqbald , M., Khan, K. A., Sabir , M. , Akhtar , A., Razag , G., Hussain and Habiba, U. 2022. Major threats and habitat use status of Demoiselle crane (*Anthropoides virgo*), in district Bannu, Pakistan. Brazilian Journal of Biology. 82:1-7.

- 8. Fatima, S., M. Hameed\*, F. Ahmad, Sangam Khalil, M. Sajid, A. Ahmad, M. Ashraf & I. Ahmad. 2021. Diversity and distribution of the Family Poaceae along an elevation gradient in the sub-Himalayan mountains. *Phytocoenologia*. 4: 383 - 396.
- 9. Ansari, B., J. Altaf, A. Ramzan, Z. Ahmed, Sangam Khalil, U. R. Qamar, S. A. Awan, K. Jehangir, R. Khalid, S., Aziz, T. Sultana, S. Sultana, H. Alsamadany, R. Alshamrani and F. S. Awang. 2022. Molecular Phylogenetics of *Physa acuta* (Pulmonata: Basommatophora): An invasive species in Central Punjab, Pakistan. *Brazilian Journal of Biology*. 83(2):1-8.
- 10. Habiba, U., M. Anwar, R. Khatoon, M. Hussain, K. A. Khan, Sangam Khalil, S. A. Bano, A. Hussain. 2021. Feeding habits and habitat use of barking deer (*Muntiacus vaginalis*) in Himalayan foothills, Pakistan. *PLoS ONE* 16(1): 1-14.
- 11. Fatima, S., Hameed, M., Naz, N. S. M. R. Shah, M. Naseer, M. S. Aqeel, A. M. Ashraf, F. Ahmad, Sangam Khalil and I. Ahmad. 2021. Survival Strategies in Khavi Grass [*Cymbopogon jwarancusa* (Jones) Schult.] Colonizing Hot Hypersaline and Arid Environments. *Water Air Soil Pollut.* 82: 232.
- 12. Tahir, R., Ghaffar, A., Samra, J., Zafar, T. H., Turabi, Du XX, Sangam Khalil, M. Safeer, S. Riaz, H. Jamil and U. Noor. 2021. Biology and ecological adaptations of blackbuck (*Antilope cervicapra*): A Review. *Agrobiological Records*. 4: 23-31.
- 13. Habiba, U., M. Anwar, M. Hussain, R. Khatoon, K. A. Khan, S. A. Bano, A. Hussain. Sangam Khalil, 2020. Seasonal distribution and habitat use preference of barking deer (*Muntiacus vaginalis*) in Murree Kotli Sattian Kahuta National Park, Punjab, Pakistan. *Brazilian Journal of Biology*. 82:1-13.

- 14. Sangam Khalil\*, A. Nisar, T. Hussain and A. Hassan. 2020. Population ecology of Spiny tailed lizard (*Saara hardwickii*) from lesser Cholistan desert, Bahawalpur, Punjab. Pure Appl. Biol., 9(2): 1436-1441.
- 15. Khatoon R., M. Anwar, U. Habiba, N. Mustafa, Sangam. Khalil, L. S. Eggert and M. E. Gompper. 2019. Diet of Common leopard and Leopard cat in Muree Kotli Sattian and Kahuta National Park, Pakistan: Contrasting Patterns of domestic animal and wild carnivore consumption. International Journal of Biosciences. 15(1): 321-330.
- 16. Sangam Khalil, T. Hussain, M. Anwar, M. Rafay, M. Abdullah, M. Khalid, M. Tariq, S. Sarwar, R. Tabish and I. Ashraf. 2019. Breeding Biology of Red Wattled Lapwing (*Vanellus indicus*) from Southern Punjab, Pakistan. International Journal of Biodiversity and Conservation. 11(2): 78-84.
- 17. Abdullah, M., R. A. Khan, M. Rafay, T. Hussain, T. Ruby, F. Rehman, Sangam Khalil and S. Akhtar. 2017. Habitat Ecology and Breeding Performance of Cattle Egret (*Bubulcus ibis*) in Faisalabad, Pakistan. Pakistan journal of zoology. 49(5): 1863-1870.
- 18. Abdullah, M., M. Rafay, N. Sial, F. Rasheed, M. F. Nawaz, W. Nouman, I. Ahmad, T. Ruby and Sangam Khalil. 2017. Determination of forage productivity, carrying capacity and palatability of browse vegetation in arid rangelands of Cholistan desert (Pakistan). Journal of Applied Ecol. & Env. Research. 15(4): 623-637.
- 19. Rida, A., T. Ruby, M. Rafay, I. Bibi, T. Hussain and Sangam Khalil, M. Abdullah, S. Akhtar and M. A. Farooqi. 2017. Predatory Potential of Araneae Against Aphididae Pests in Canola Crop. Journal of Animal and Plant Sciences. 27 (2): 642-646.
- 20. M. Abdullah, M. Rafay, T. Hussain, H. Ahmad, U. Tahir, F. Rasheed, T. Ruby and Sangam Khalil. 2017. Nutritive potential and palatability

preference of browse foliage by livestock in arid rangelands of Cholistan desert (Pakistan), Journal of Animal and Plant Sciences. 27(5):1656-1664.

- 21. Sangam Khalil, M. Anwar and I. Hussain. 2016. Breeding biology of Grey Francolin (*Francolinus pondicerianus*) in Salt Range, Pakistan. Pakistan journal of Zoology. 48 (1): 115-123.
- 22. Sangam Khalil and M. Anwar. 2016. Habitat preference of Grey Francolin (*Francolinus pondicerianus*) in the Salt Range, Punjab. Journal of Animal and Plant Sciences. 26 (3):842-849.
- 23. Sangam Khalil, M. Anwar, T. Hussain, M. Rafay, I. Ashraf, M. Abdullah, M. Safeer and A. Rasool. 2016. Food composition of Grey Francolin (*Francolinus pondicerianus*) in Salt Range, Punjab, Pakistan. Podoces. 11(1): 13-20.
- 24. Sangam Khalil, M. Anwar and I. Hussain. 2015. Roosting ecology of Grey Francolin (*Francolinus pondicerianus*) in Salt Range, Punjab, Pakistan. Asian journal of science and technology. 6 (9): 1766-1768.
- 25. Sangam Khalil, M. Anwar and I. Hussain. 2015. Threats affecting Grey Francolin (*Francolinus pondicerianus*) population in Salt Range, Punjab, Pakistan. International journal of sciences: Basic and Applied Research (IJSBAR). 24(1): 386-401.
- 26. Sangam Khalil, M. Anwar and I. Hussain. 2015. Population estimation of Grey Francolin (*Francolinus pondicerianus*) in Salt Range, Punjab, Pakistan. Pure and Applied Biology. 4(4): 584-596.
- 27. Anwar, M., A. Mahmood, M. Rais, I. Hussain, N. Ashraf, Sangam Khalil and B. D. Qureshi. 2015. Population density and habitat preference of Indian peafowl (*Pavo cristatus*) in Deva Vatala National Park, Azad, Jammu & kashmir, Pakistan. Pakistan journal of Zoology. 47(5): 1381-1386.

- 28. Hussain, I., A. U. Nisa, Sangam Khalil. 2012. Population biology of the Grey Francolin (*Francolinus pondicerianus*) in an agro-ecosystem of the Pothwar Plateau, Pakistan. Chinese Birds. 3(2): 91-102.

### **Abstract Publications**

- 1- Ayesha Razzaq and Sangam Khalil. Feeding Ecology of Hog Deer (*Axis porcinus*) in Bahawalpur Zoo and Lal Sohanra National Park. International Conference on "New Trends in Biological Sciences" at University of Okara ,March 21-22, 2022
- 2- Shazia Munir and Sangam Khalil. Ethnobotanical study of medicinal plants used to treat diseases of human communities living adjacent to Fort Derawer- a case study from cholistan. International Conference on "New Trends in Biological Sciences" at University of Okara ,March 21-22, 2022.
- 3- Sangam Khalil, T. Hussain, M. Rafay and M. Abdullah. Habitat selection of Common Moorhen (*Gallinula chloropus*) during Breeding in Impounded Marsh Wetlands in District Bahawalpur, Punjab, at 40<sup>th</sup> Pakistan congress of zoology (International- 1<sup>st</sup> Virtual). December, 2021.
- 4- Rana, A. H., Sangam Khalil, T. Hussain, Morphometric variation of Spiney Tailed Lizard (*Saara hardwickii*) from Cholistan Desert, Punjab, Pakistan at 40<sup>th</sup> Pakistan congress of zoology (International-1<sup>st</sup> Virtual). December, 2021.
- 5- Athar, R., Sangam Khalil, T. Hussain, Behavior and Feeding Activities of Wild Animals in Bahawalpur Zoo, Punjab, Pakistan at 40<sup>th</sup> Pakistan congress of zoology (International-1<sup>st</sup> Virtual). December, 2021.
- 6- Rubab Athar, Sangam Khalil, Tanveer Hussain, Muhammad Altaf and Junaid Naseer. Determination of Diet Composition Of Asiatic Jackal (*Canis aureus*) In Captive And Wild Areas - A CASE STUDY FROM BAHAWALPUR,

PAKISTAN at 3<sup>rd</sup> International Conference on emerging trends in earth and environmental science ETEES Lahore, Pakistan 16<sup>th</sup>-18<sup>th</sup> November,2021.

- 7- Nadia Siddique, **Sangam Khalil**, Tanveer Hussain, Junaid Naseer, Muhammad Altaf and Muhammad Umair. Avifauna Diversity in Protected Areas of Bahawalpur, Punjab at 3<sup>rd</sup> International Conference on emerging trends in earth and environmental science ETEES Lahore, Pakistan 16<sup>th</sup>-18<sup>th</sup> November,2021.
- 8- Hadeeqa Habib, **Sangam Khalil**, Tanveer Hussain , Junaid Naseer ,Muhammad Altaf and Saima Hameed. Evaluation Of Habitat Ecology of White Footed Fox (*Vulpes vulpes pusilla*) in Bahawalpur, Punjab at 3<sup>rd</sup> International Conference on emerging trends in earth and environmental science ETEES Lahore, Pakistan 16<sup>th</sup>-18<sup>th</sup> November,2021.
- 9- Afza Abbasi and **Sangam Khalil**. Phytochemical Screening and Antimicrobial Activity of *Salvadora oleoides* Against *Tribolium Castaneum* Herbst in Cholistan Desert Bahawalpur at 3<sup>rd</sup> International Conference on emerging trends in earth and environmental science ETEES Lahore, Pakistan 16<sup>th</sup>-18<sup>th</sup> November,2021.
- 10- **Sangam Khalil**, T. Hussain, M. Rafay and Asrar Nisar. Ecological Status of Spiney Tailed Lizard (*Saara Hardwickii*) from Lesser Cholistan Desert, Bahawalpur, Punjab, at 38th Pakistan congress of zoology (International) Punjab university Lahore. March, 2018.
- 11- Ahmad, S., M. K. Alam, H. M. Warris, **Sangam. Khalil**, T. Hussain, Maqsood Anwar and E. Ashraf. Traditional Zootherapeutical study in the Cholistan Desert of Bahawalpur, at 38th Pakistan congress of zoology (International) Punjab university Lahore. March, 2018.

- 12- Sangam Khalil, T. Hussain, M. Anwar, M. Rafay, M. Abdullah, M. Khalid, M. Tariq, S. Sarwar, R. Tabish and I. Ashraf. Breeding Biology of Red Wattled Lapwing (*Vanellus indicus*) from Southern Punjab, Pakistan, at 37th Pakistan congress of zoology (International) Govt College university, Faisalabad. March, 2017.
- 13- Sangam Khalil, M. Anwar, T. Hussain, M. Rafay, Parveen and I. Ashraf. Some Recent Observations of See-See Partridge (*Ammoperdix griseogularis*) in the Salt Range of Punjab, Pakistan, at I<sup>st</sup> International Conference on Climate Change & Biodiversity, Cholistan Institute of Desert Studies, Islamia University Bahawalpur. May, 2017.
- 14- Madnee, M., I. Ashraf, Sangam Khalil, T. Hussain, M. Abid, Azizullah and M. Waseem. Diversity of Flora and Fauna of Baghdad Ul Jadeed Campus, The Islamia University of Bahawalpur, at I<sup>st</sup> International Conference on Climate Change & Biodiversity, Cholistan Institute of Desert Studies, Islamia University Bahawalpur. May, 2017.
- 15- Rafay, M., M. Y. Ali, T. Hussain, M. Abdullah, Sangam Khalil, M. Safeer and Z. Malik. A study on Propagation techniques and their efficacy rate in *Prosopis cineraria* (L) druce; a multipurpose tree of Cholistan Desert, Pakistan, at I<sup>st</sup> International Conference on Climate Change & Biodiversity, Cholistan Institute of Desert Studies, Islamia University Bahawalpur. May, 2017.
- 16- Parveen, M. A. Haq, M. Jameel, G. H. Abbasi, B. Javed, Sangam Khalil and Z. Malik. Mitigation of Salt stress by potassium nitrate application in soybean (*Glycine max* L.) genotypes. At I<sup>st</sup> International Conference on Climate Change & Biodiversity, Cholistan Institute of Desert Studies, Islamia University Bahawalpur. May, 2017.
- 17- Rafay, M., G. Ahmad, T. Hussain, M. Abdullah and Sangam Khalil. Breeding and feeding behavior of jungle babbler (*Turdiodes striatus*) in district Layyah, Punjab, Pakistan. At I<sup>st</sup> International Conference on Climate

Change & Biodiversity, Cholistan Institute of Desert Studies, Islamia University Bahawalpur. May, 2017.

- 18- Sangam Khalil, K. E. Sieving, M. Anwar and T. Hussain. Effect of Supplement Food on Breeding Biology of Eastren Blue Bird (*Sialia sialis*) in South Florida, USA, at 77<sup>th</sup> Midwest Fish and Wildlife Conference, USA. Feburary, 2017.
- 19- M. Abdullah, M. S. Raza, I. Ashraf, M. Rafay, T. Hussain, Sangam Khalil and M. Safeer. Assessment of Ecology, Ethnobotany and Conservation Status of Browse Vegetation At Lal Suhanra National Park, Pakistan, at international conference on Forestry and Environment; Challenges and Prospects and challenges organized by Department of Forestry and Range Management ,UAF, & Faculty of Forestry, Kastmonu University, Turkey, University of Agriculture, Faisalabad, Pakistan. November, 2016.
- 20- Sangam Khalil, M. Anwar and I. Hussain. Breeding biology of Grey Francolin (*Francolinus pondicerianus*) in Salt Range, Pakistan, at International Ornithological Congress of Southeast Asia. Rachawadee resort & hotel, Khon Kaen, Thailand. March, 2015.
- 21- Sangam Khalil and M. Anwar. Habitat preference of Grey Francolin (*Francolinus pondicerianus*) in the Salt Range, Pakistan at International Ornithological Congress of Southeast Asia. Rrachawadee Resort & Hotel, Khon Kaen, Thailand. March, 2015.
- 22- Sangam Khalil, M. Anwar and I. Hussain. Threats affecting Grey Francolin (*Francolinus pondicerianus*) population in Salt Range, Punjab, Pakistan at 35th Pakistan congress of zoology (International). University of Karachi, March, 2015.
- 23- Andleeb, S., T. Mahmood and Sangam Khalil. Habitat, distribution and population of scaly anteater (*Manis crassicaudata*) in the Margallah hills national park, Islamabad at 35th Pakistan congress of zoology (International) University of Karachi, Karachi. March, 2015.

- 24- Bibi, R., M. Rais and Sangam Khalil. Effect of Nitrogenous Fertilizers on Tadpole Survival of Common Skittering Frog (*Euphlyctis cyanophlyctis*) at 35th Pakistan congress of Zoology (International) University of Karachi, Karachi. March, 2015.
- 25- Sangam Khalil, M. Anwar and I. Hussain. Breeding biology of Grey Francolin (*Francolinus pondicerianus*) in Salt Range, Pakistan, at 33th Pakistan congress of zoology (International) Convention Centre, Islamabad. March, 2013.
- 26- Sangam Khalil, I. Hussain and M. Anwar. Determination of food composition of Grey Francolin (*Francolinus pondicerianus*) in Salt Range, Punjab, Pakistan at 30th Pakistan congress of zoology (International) University of Agriculture, Faisalabad. March, 2010.

#### **Editorial Board Member of Journals**

- International Journal of Biodiversity & Conservation
- World Journal of Biology & Biotechnology

#### **Reviewer of Journals**

- Biology & Conservation
- World Journal of Biology & Biotechnology
- Ecology & Evolution
- Journal of Zoology & Ecology
- European Journal of Medicinal Plants
- Uttar Pradesh Journal of Zoology

#### **Session Co Chair at Biodiversity & Conseravtion Section**

- Certificate of appreciation for co-chair session at 3<sup>rd</sup> International Conference on emerging trends in earth and environmental science ETEES Lahore, Pakistan 16<sup>th</sup>-18<sup>th</sup> November, 2021.

#### **Served as Judge for Science model competition held at F-7/2 College Islamabad ,2017**

#### **Resource Person, 2017**

- To deliver lecture on Habitat Evaluation Procedures at Wildlife Research Center, Gatwala, Faisalabad

### **Resource Person, 2022**

To deliver lecture on Biodiversity/Protected Areas at Forest School Bahawalpur

### **REFERENCES**

➤ **Prof. Dr. Tanveer Hussain**

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