



## Curriculum Vitae

### Personal details

Name Tahseen Fatima  
Father's Name Noor Mohammad  
Family Name Miano  
Designation: Assistant Professor (BPS-19)

Official Address Institute of Food Sciences and Technology  
Faculty of Crop Production  
Sindh Agriculture University  
Tando Jam, Pakistan.

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Research gate ID: Tahseen Fatima Miano

Publons ID: <https://publons.com/researcher/AAK-7222-2021/>

### Education

- PhD Food Engineering (2020) Erciyes University, Kayseri, Turkey.
- M.Sc. (Agri.) Hons, Food Sciences and Technology, Sindh Agriculture University, Tandojam 2007, CGPA (3.94) A<sup>+</sup>

- B.Sc. (Agri.) Hons, Food Technology Sindh Agriculture University, Tandojam 2004, (83.27) A.

### **Work Experience**

Working as Assistant Professor from 27<sup>th</sup> March 2014 till to date, at institute of Food sciences and Technology Sindh Agriculture University, Tandojam.

Worked as lecturer from 1<sup>st</sup> July 2008 to 26<sup>th</sup> March 2014, at institute of Food sciences and Technology Sindh Agriculture University, Tandojam.

Worked as Assistant Food Technologist from 5<sup>th</sup> May 2005 to 30<sup>th</sup> June 2008, at institute of Food sciences and Technology Sindh Agriculture University, Tandojam.

### **Honors and awards**

Awarded chancellor's Gold Medal in B.Sc. (Agri.) Hons. 2004, securing highest position in faculty.

Excellence XV<sup>th</sup> Stars award 2004, was awarded in the field of women in agriculture.

International Alliance against Hunger. World Food Day on 16<sup>th</sup> October 2003, at Sindh Agriculture University, Tandojam. Awarded first price.

### **Research Interest**

Food engineering - Food sciences

### **Skills and expertise**

- Food science and technology
- Food chemistry
- Food analysis
- Post-harvest physiology of fruits and vegetables
- Food rheology
- Cereal chemistry
- Ethics in science
- Statistical analysis
- Thesis and report writing
- Food quality assurance and management
- Food nutrition

- Food preservation
- Nanotechnology
- Food antioxidant

### **Book Chapter Published**

Textural Properties of Traditional Turkish Foods - Mahmut Doğan, Duygu Aslan and Fatima Tahseen Miano 2019. In Textural Characteristics of World Foods. Published by Wiley.

### **Trainings Attended**

#### **International Training:**

1. Seminar on Food Safety Inspection Technology and Management for the Belt and Road Countries. China National Research Institute of Food and Fermentation Industries. 18 June to 2021.
2. New diagnostic methods used for mycobacteria and other bacteria for causing nosocomial infections, 11 to 18 September, 2017, S. Raffaele scientific institute, Milan, Italy.
3. Introduction to molecular phylogenetic, 21 to 22 Feb, 2017, Erciyes University, Kayseri, Turkey.
4. Sabatical Training on Food and Bio Processing. From 18<sup>th</sup> March 2010-to 16<sup>th</sup> June 2010, at Faculty of Food Science and Technology, University of Putra Malaysia.
5. International workshop on extrusion technology, 15 to 17 August, 2008, National institute of food science and technology, University of Agriculture, Faisalabad.

#### **National Trainings**

6. 18<sup>TH</sup> Master Trainers –faculty professional development program, Held At HEC Islamabad, April 03-June 01, 2012
7. Computer training course (6 month) from 01-01-2002 to 05-06-2002.
8. Students youth convocation from 22-24<sup>th</sup> May 2004, at Islamabad as speaker from Sindh Agriculture University, Tando jam.

## Research Publications

**Total: 31**

**International: 28**

**National: 02**

### Higher education journal recognition system and web of science (HJRS/WoS)

1. Tahseen Fatima Miano, Effective use of freshly harvested, freeze dried and processed use of pomegranate (*Punica granatum L.*) fruits in Pakistan. International Journal of Ecosystems and Ecology Science (IJEES). Vol. 11 (1): 145-148 (2021), Impact factor 1.40. HJRS/WoS/ Y Category. <https://doi.org/10.31407/ijeess> <https://doi.org/10.31407/ijeess11.4>.
2. Aijaz Hussain Soomro , Nida Shaikh , Tahseen Fatima Miano, Asadullah Marri , Shahzor Gul Khaskheli , Dileep Kumar. Food waste management strategies in food supply chain. Journal of Ecosystems and Ecology Science (IJEES). Vol. 11 (4): 759-766 (2021), Impact factor 1.40. HJRS/WoS/ Y Category. <https://doi.org/10.31407/ijeess> <https://doi.org/10.31407/ijeess11.4>
3. Khushboo Sahito, Aijaz Hussain Soomro, Tahseen Fatima Miano , Raja Ghazanfar Ali Sahito. Prevalence and characterization of staphylococcus aureus from market milk. International Journal of Ecosystems and Ecology Science (IJEES) Vol. 11 (4): 737-742 (2021) <https://doi.org/10.31407/ijeess> <https://doi.org/10.31407/ijeess11.4>
4. Tahseen Fatima Miao. Ecosystems and Ecology Science, Mahmut DOGAN. Novel foods: sustainable food process. International Journal of Ecosystems and Ecology Science (IJEES). Vol. 11 (2): 311-314 (2021). Impact factor 1.40. HJRS/WoS/ Y Category. <https://doi.org/10.31407/ijeess> <https://doi.org/10.31407/ijeess11.4>
5. Tahseen Fatima Miano. Food poverty, hunger and economy International Journal of Ecosystems and Ecology Science (IJEES). Vol. 11 (2): 327-330 (2021). Impact factor 1.40. HJRS/WoS/ Y Category. <https://doi.org/10.31407/ijeess> <https://doi.org/10.31407/ijeess11.4>

6. Efficacy of some plant extracts in extending keeping quality of beef patties during storage. Nizam D Unar , Aijaz H Soomro, Asadullah Marri, Shahzor Gul Khaskheli, Tahseen Fatima Miano , Nida Shaikh , Atta H Shah and Dileep Kumar. Pure Appl. Biol., 11(1):340-348, March, 2022 <http://dx.doi.org/10.19045/bspab.2022.11003>. HEC recognized Y Category.
7. Mehar Dil Abro and Tahseen Fatima Miano. Comparative study on physicochemical and sensory evaluation of some bakery products marketed at Hyderabad Sci. Int.(Lahore) 29(2),467-470, (2017). HEC recognized Y Category.
8. Noorul Hassan Zardari, Irena Binti Nau, Suhail Ahmed Abbasi, Karam Ali Jamali , Tahseen Fatima Miano. An improved method for watershed management - a case study of arcgis application to the skudai watershed, Malaysia. International Journal of GEOMATE Dec., (2019). Vol.17, Issue 64, pp. 145- 151 Impact factor 0.84. HJRS/WoS/ X Category.
9. Tanveer Fatima Miano, Muhammad Golam Rabbani, Abdul Wahid Baloch, Noor-un-Nisa Memon and Tahseen Fatima Miano. Character association and path analysis in orchids Sci. Int.(Lahore) Vol. 27(4): 3297- 3300 (2015). HEC Y Category.
10. Taranum Naz Bajwa, Tanveer Fatima Miano, Niaz Ahmed Wahocho and Tahseen Fatima Miano. Effect of sucrose and aluminum sulphate on vase life of rose (rosa indica l.) Sci. Int.(Lahore), 28(3),3035-3040, (2016). HEC Y Category.
11. T. F. Miano M. Imtiaz , A. Shamim and S. G. Mohyuddin. Effect of various ingredients on the physico chemicals properties of ice cream Pakistan journal of Science Vol. 73.No 2 June issue (2021) HEC Y Category.
12. Tahseen Fatima Miano, Mahmut Dogan, Mehmet Hyata , Tanveer Fatima Miano and Asim Shamim. Foaming stability of yogurt smoothie with whey powder and xanthan gum. Pakistan journal of Science Vol. 73.No 2 June issue (2021). HEC Y Category.

13. Tahseen Fatima Miano. Plant based phytochemical profile and nutraceuticals values of natural food. International Journal of Ecosystems and Ecology Science (IJEES). Vol, 11, issue 2, (2021). Impact Factor 1.40. HJRS/WoS/ Y Category.
14. Tahseen Fatima Miano Advancement in ferritin intake and food insecurities International Journal of Ecosystems and Ecology Science (IJEES) Vol, 11, issue 2, (2021). Impact Factor 1.40. HJRS/WoS/ Y Category.
15. Aijaz Hussain Soomro, Saira aijaz. Shahzor Gul Khaskheli, Tahseen Fatima Miano, Asadullah Marri, Dileep Kumar. The SARS-CoV-2 pandemic a global emergency: The journey from bats to humans. Food Science and Quality Management. The journey from bats to humans. Food Science and Quality Management, 105:47-51(2021). Open Access.
16. Aijaz Hussain Soomro, Tahseen Fatima Miano, Asadullah Marri, Dileep Kumar, Shazor Gul Khaskheli, Umair Farooque Arain, Allah Bux Baloch. Application of Pretreatments on Banana Slices for Improving Drying Characteristics. Food Science and Quality Management. Vol.103, (2020). Open Access.
17. Tanveer Fatima Miano, Halit Yetisir, Ozhan Simsek, Illyas Kilincer, Tahseen Fatima Miano. Insight into the evolutionary genetic history of Pak Turk bottle gourds. Merit Research Journal of Agricultural Science and Soil Sciences. Vol. 8(10) pp. 154- 162, October, (2020). DOI: 10. 5281/zenodo. 4130794.
18. Zaheer Ahmed, Tanveer Fatima Miano, Tahseen Fatima Miano. Potassium Permanganate (KMnO<sub>4</sub>) in Relation to Temperatures Alters Shelf Life and Quality of Banana (*Musa paradisiaca L.*) International Journal of Food Science and Agriculture Vol.5 (1): Page. 41-51,(2021) DOI:<http://dx.doi.org/10.26855/ijfsa.2021.03.007>.
19. Tahseen Fatima Miano. Nutritional value of (*Spinacia oleracea*) spinach-an overview. Int. J. Life Sci. Rev. Vol, 2(12) 172-174 (2016). DOI:10.13040/IJPSR.0975-8232.IJLSR.2(12).

20. Sayed Akhtiar Hussain, Tanveer Fatima Miano, Noor-un-Nisa Memon, Tahseen Fatima Miano and Mohammad Aslam Baloch. Growth Behavior of Coleus (*Plectranthus scutellarioides* L.) Cuttings In Relation To Light Emitting Diodes (LED) Intensities. Agrotechnology. Volume 7 Issue 1page: 1-7 (2018). doi: 10.4172/2168-9881.1000175: ISSN: 2168-988.
21. Mansoor Ali Kubar, Tahseen Fatima Miano and Tanveer Fatima Miano. Influence of Juice Extraction Methods on Physicochemical and Sensory Properties of Citrus Fruit Juice. Journal of EC Agriculture, ECRONICON Open access. Vol. 4.1 page 50-61, October 29, (2018).
22. Allha nawaz Rind and Tahseen Fatima Miano. Effect of Shortening on Sensory Characteristics of Wheat Bread. Journal of Food Processing and Technology. Volume 9, Issue 7 page: 1-4. July 20, (2018). ISSN: 2157-7110. DOI: 10.4172/2157-7110.1000741.
23. Tahseen Fatima Miano. Nutritive Sweeteners and Non Nutritive Sweeteners in Food: An Overview. International Journal of Advances in Science, Engineering and Technology (IJASEAT). Volume-5, Issue-1, Spl. Iss-3 (2017). DOI Number - IJMAS-IRAJ-DOI-7400.
24. Tanveer F Miano, Atiq U R Baloch, Mahmooda Buriro, Asma Miano, Tahseen F Miano and Muhammad Farooq. Vegetative Growth and Flowering Behavior of Cockscomb (*Celosia cristata* L.) in Response to Sowing Dates. Journal of Horticulture. Vol, 4 page 200 (2017). ISSN: 2471-6774, DOI: 10.4172/2376-0354.1000200.Open Access Journal.
25. Tahseen Fatima Miano, Arshad Ali Khaskheli, Tanveer Fatima Miano, Falak Naz Miano. Influence of Packaging Material on Physico-Chemical and Sensory Quality of Cucumber under Ambient and Refrigeration Temperatures. European Academic Research Journal. Vol. IV. Issue 5 August (2016). ISSN 2286-4822. Impact Factor: 3.4546 (UIF).

26. Faqir Muhammad Hub, Tahseen Fatima Miano, Shakeel Ahmed Miano. Ethics in Science and Related Fields - A Review. European academic research Journal. Vol. IV, Issue 6 September (2016). ISSN 2286-4822. Impact Factor: 3.4546 (UIF).
27. Tahseen Fatima Miano. Functional Food - A Review. European academic research journal. Vol. IV, Issue 6 September (2016). ISSN 2286-4822. Impact Factor: 3.4546 (UIF).
28. Miano,T.F., J.A. Jokhio, T.F.Miano. Effect of different packaging materials and storage conditions on physico-chemical characteristics of guava. J. Agrofor, Environ. Vol. 4(2). 33-36,(2010). ISSN 1995-683.
29. Faqir Muhammad Hub, Shakeel Ahmed Miano and Tahseen Fatima Miano. Sindh an agriculture province of Pakistan an overview. European academic research Journal. Vol. IV, Issue 5/ August (2016). ISSN 2286-4822. Impact Factor: 3.4546 (UIF).

#### **National Publication**

30. Sheikh,S.A., G.H.Jamro and T.F. Miano. To asses impact of sowing time, sowing rate and weed control on the grain yield of *Triticum asstivum*. Indus J. of Plant Sciences. Vol.4 (1): 38-41 (2005).
31. Sheikh,S.A., G.H.Jamro, R.A.Kubar, M.H.Leghari and T.F.Miano. Effect of sowing dates on weed cotton and ginning out turn. The Indus cotton journal. Vol. 2(1) 67-71(2005).

#### **Papers Presented In International Conference/Congress**

##### **2021**

1. Attaullah Khan, Tahseen Fatima Miano, Aijaz Hussain Soomro and Asfand yar. Oil and water absorption capacity of wheat, rice and gram flour powders. 6<sup>th</sup> international marmara



sciences and social sciences congress. May 21 - 22, 2021 in Kocaeli/Turkey. Online congress.

2. Aimal Khan, Aijaz Hussain Soomro and Tahseen Fatima Miano. Development of biscuits incorporated with carrot and cowpea powder. 6<sup>th</sup> international marmara sciences and social sciences congress. **May 21 - 22, 2021** in Kocaeli/Turkey. Online congress.

## **2020**

3. Tahseen Fatima Miano. Plant based phytochemical profile and nutraceuticals values of natural foods. International virtual conference on plant based food security and pandemic management. 15-16-2020.
4. Aijaz Hussain soomro and Tahseen Fatima Miano. Pandemic disease management through herbal tea consumption. International virtual conference on plant based food security and pandemic management. 15-16-2020.
5. Asadullah Marri, Aijaz Hussain soomro. Dileep kumar and Tahseen Fatima Miano. Therapeutic aspects of immunity stimulating nutraceuticals against COVID-19. International virtual conference on plant based food security and pandemic management. 15-16-2020.
6. Drying quality and characterization of *Tilia tomentosa* flower as herbal green Turkish tea. 7th International Horticulture Research Conference July 1st - 30th, 2020 online
7. Tahseen Fatima Miano. Drying quality and characterization of *Tilia tomentosa* flower as herbal green Turkish tea. 7th International Horticulture Research Conference July 1st - 30th, 2020 online.
8. Tanveer Fatima Miano, Zaheer Ahmed and Tahseen Fatima Miano. How potassium permanganate ( $KMnO_4$ ) and temperatures increases shelf life of banana (*Musa Paradisiaca* L.) 7th International Horticulture Research Conference July 1st - 30th, 2020 online

9. Tanveer Fatima Miano, Halit Yetişir, Özhan Şimşek, Kahraman Gürcan, İlyas Kılınçer, Tahseen Fatima Miano. Insights into the evolutionary genetic history of pak-turkish bottle gourds [Lagenaria siceraria (Molina) Standl.] 7th International Horticulture Research Conference July 1st - 30th, 2020 online

## **2019**

10. Tahseen Fatima Miano and Tanveer Fatima Miano. Effective Use of Water and Body Regulation Systems. 3. International Mersin Symposium (October 31 – November 2, 2019).
11. Tahseen Fatima Miano. Scalp Disorder: Elimination by the use of functional foods. 3. International Mersin Symposium (October 31 – November 2, 2019)
12. Tahseen Fatima Miano. Effective use of freshly harvested, freeze dried and processed use of pomegranate (Punica granatum L.) Fruits in Pakistan.
13. Tahseen Fatima Miano and Y. Konca Meat Products and sausages. IMASCON, 01-03 November 2019

## **2018**

14. Tahseen Fatima Miano. Nutritional and Health Aspects Of Food Proteins In Our Daily Life. Uluslararası Marmara Fen Ve Sosyal Bilimler Ongresi 23 -25 Kasim 2018 Kocaeli/Türkiye.
15. Tahseen Fatima Miano. Healthier Foods Enactment. 5th International Conference of Physical Education and Sport Sciences 04-06 December 2018 Nevşehir/Cappadocia TURKEY.
16. Tahseen Fatima Miano and Mahmut DOGAN. Novel Foods: Sustainable Food Process. 1. *Uluslararası Mersin Sempozyumu 2018.*

17. Tahseen Fatima Miano Y. Konca , "Dietary Fibre: Dairy Cattle Performance And Milk Quality," *1. Uluslararası Mersin Sempozyumu* , vol.1, no.1, Mersin, Turkey, pp.1, 2018
18. Tahseen Fatima Miano Y. Konca Effect of Dietary Fatty Acid On Red Meat Quality *1. Uluslararası Mersin Sempozyumu* , vol.1, no.1, Mersin, Turkey, pp.1, 2018

### **2017**

19. Talib Hussain and Tahseen Fatima Miano. Effect of various stabilizers on the consistency of tomato ketchup at different temperature of cooking. Dairy Science Park November 1-5, 2017,

### **2016**

20. Tahseen Fatima Miano and Shakeel Ahmed..cost effective impact of sugarcane as industrial biofuel in Pakistan. ICAF 2016 the first international conference on alternative fuels: future and challenges (ICAF'16) (ICAF-2016-104).
21. Konca Yusuf., Mahmut Kaliber, Selma Buyukkılıç Beyzi, Savaş Sariozkan, Tahseen Fatima Miano and Atalay Kahraman. Effects of Soy Oil, Marrow Oil and Antioxidant Supplementation to Laying Hen Diets on Performance and Egg Quality Traits. Conference: BALNIMALCON 2017, 8th Balkan Animal Science Conference 2017, At: Prizren Kosova Volume: 1
22. Talib Hussain, Tahseen Fatima Miano, and Tanveer Fatima Miano. Effect of various stabilizers on the consistency of tomato ketchup at different temperature of cooking. Proc. Dairy Science Park IV, Nov 1-5, 2017 <http://dairysciencepark.org.pk/dsp.2017>.
23. Paper presented in 1<sup>st</sup> International Conferences on Food, Agriculture and Animal Sciences, held on 12-14 May 2008 at Sindh Agriculture University Tandojam.
24. Attained 2<sup>nd</sup> National conference on Agriculture 2005. At Sindh Agriculture University, Tando jam.

25. Miano, T.F. and T.F.Miano.2006. Effect of various ingredients on sensory quality of Ice cream.3<sup>rd</sup> National Conference on Agricultural & Animal sciences21-23 Nov, 2006.
26. Miano,T.F., and T.F.Miano (2008) Effect of various ingredients on physic-chemical properties of ice- cream. Published in 1<sup>st</sup> international conference on Food, Agriculture and Animal Sciences held on 12-14 May.
27. Miano, T.F., A.A. Khooharo and T.F.Miano.(2005). Effect of shredded newspaper and wheat straw mulches on Tomato. Published by COMSATS institute of information technology 1<sup>st</sup> International conference ESDev, 2005. Vol=111.
28. Sheikh,S.A.,T.F.Miano and N.M. Miano (2005) Effect of storage and quality parameters of sindhri and dasheri varieties of mango 3<sup>rd</sup> National Conference on Agricultural & Animal sciences21-23 Nov,2006.
29. Miano, T.F.,T.F. Miano and M.A.Baloch (2005). Increasing sustainability through the use of organic matters in Banana Production. Published by COMSATS institute Of information technology 1<sup>st</sup> International conference ESDev, 2005. Vol=111.

#### **Articles Published in Sindh Magzaine**

1. Food Energy and Health article published in monthly sindhi magazine Sindh Zarat November 2003.Published by Agriculture Information Directorate Hyderabad.
2. Milk a perfect diet article published in monthly Sindhi magazine Sindh Zarat November 2004.Published by Agriculture Information Directorate Hyderabad.

#### **Seminar/workshops**

International workshop on Extrusion Technology held on 15<sup>th</sup> to 17<sup>th</sup> August 2008 at National Institute of Food Sciences And Technology, University of Agriculture, Faisalabad.

### **Trainings imparted**

- Home preservation of fruits and vegetables (for rural women) from 18-23 September 2006.
- Capacity building in rural women in product preparation of Dairy and Agricultural Commodities (for rural women) from 15-17 February.
- Technology transfer of bakery products for Rural Masses (for rural men) from 19-21 March 2007.
- Quality improvement technologies of fruits and vegetables for women folk (for rural women) from 22-25 January 2008.
- Tomato production and product preparation technologies for Agribusiness for growers of Sindh, from 01-03-2008
- Mango production and product preparation technologies for agribusiness for growers of Sindh from 15-17 May 2008.

### **Extra Activities:**

- Member Board of Faculty, FCPD.
- Member (TSOC) Teacher students organization committee
- Organized one day workshop on COMMUNICATION SKILLS, in collaboration of HEC, Islamabad, at SAU, Tandojam
- Acted as a compare in convocation of Sindh Agriculture University, Tandojam (2005), and in various function at university level. Participated in organizing various functions or conferences.

### **Linguistic skills**

English (Good, Reading, Writing, Speaking).

Sindhi (Good, Reading, Writing, Speaking).

Urdu (Good, Reading, Writing, Speaking).

Turkish (Basic, Reading, Writing, Speaking).

## **Research Projects submitted**

1. Principal investigator: Dr. Tahseen Fatima Miano. Development of novel food product yogurt by improving biological quality through use of herbal extract. Sindh Higher Education Commission Government of Sindh. Rs. 4.7696 Million. Submitted June, 2008.
2. Functional properties of mozawati and aseel dates. Submitted on 02-12-2020.