



Farida Irshad

Address: Department of Fibre and Textile Technology University of Agriculture, 57200, Faisalabad, Pakistan

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Gender: Female **Date of birth:** 01/01/1992 **Nationality:** Pakistani

ABOUT ME

Dynamic Lecturer with seven years of successful teaching and research experience. Known for interesting lectures with helpful supporting materials and detail-oriented classroom management. Dedicated to individual student success and comprehensive understanding.

WORK EXPERIENCE

[09/09/2015 – Current] **Lecturer**

University of Agriculture

City: Faisalabad

Country: Pakistan

Main activities and responsibilities:

- Used a variety of learning modalities and support materials to facilitate the learning process and accentuate presentations.
- Evaluated and revised lesson plans and course content to achieve student-centered learning.
- Participated in and led committee meetings to remain aware of developments in the subject.
- Conducted individual research projects to actively contribute to the institution's research work.

EDUCATION AND TRAINING

[01/11/2018 – 31/12/2020] **MS Textile Engineering (Gold Medal)**

National Textile University <https://ntu.edu.pk/>

Address: 57200, Faisalabad

Final grade: 4/4

[01/11/2010 – 01/11/2014] **B.Sc. Textile Engineering (Silver Medal)**

National Textile University <https://ntu.edu.pk/>

Address: 57200, Faisalabad , Pakistan

Final grade: 3.84/4

[01/03/2007 – 01/03/2010] **F.Sc. (Pre-Engineering)**

Unique College

Address: 38000, Chichawatni, Pakistan

Final grade: 943/1100

[01/03/2005 – 28/02/2007] **Matriculation**

Government Girls Higher Secondary School

Address: 38000, Chichwatni, Pakistan

Final grade: 744/850

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

PUBLICATIONS

[2016]

Development of a novel curing system for low temperature curing of resins with the aid of nanotechnology and ultraviolet radiation.

<https://pubs.rsc.org/en/content/articlelanding/2016/ra/c6ra06591k>

[2017]

Development of a novel method for natural dyeing of cotton fabrics using ultrasonic radiations and acacia bark.

<https://www.tandfonline.com/doi/abs/10.1080/15440478.2017.1354743?journalCode=wjnf20>

[2017]

An experimental study to evaluate the shade change of reactive dyed woven fabric after application of water repellent finish and cross linker.

<https://medcraveonline.com/JTEFT/an-experimental-study-to-evaluate-the-shade-change-of-reactive-dyed-woven-fabric-after-application-of-water-repellent-finish-and-cross-linker.html>

[2019]

Effect of Cross Linker Treatment on Dimensional and Mechanical Properties of Knitted Fabrics.

<https://v3.pjsir.org/index.php/physical-sciences/article/view/268>

[2021]

Prognosticating the shade change after softener application using artificial neural networks.

<https://sciendo.com/de/article/10.2478/aut-2020-0019>

[2021]

Development of shade prediction system to quantify the shade change after crease recovery finish application using artificial neural networks.

<https://www.tandfonline.com/doi/abs/10.1080/00405000.2020.1812921?journalCode=tjti20>

PROJECTS

[01/01/2019 – 25/10/2021]

Development of Artificial Intelligence Based Prediction System for Shade Change after Finishing Application

[Current]

Hemp fiber as a sustainable raw material for textile industry in Pakistan: Selection of non-toxic and high yielding accessions

[Current]

Comparative Agronomic Appraisal of Exotic Chinese and Local Hemp (*Cannabis sativa* L.) for Better Fiber Quality Traits and Large-scale Commercialization in Pakistan

[Current]

Use of biodegradable super-absorbent polymers in rainfed agriculture for enhancing farm-scale profitability and crop water use efficiency

HOBBIES AND INTERESTS

Reading Books

I have intense interest in reading the quality books of different genres.

PATENT

Method of intelligently prognosticating the shade change of dyed Knitted fabric after finish application.

Accepted on 26-08-2022. Sl. No. 144012 by Government of Pakistan, Patent Office.

REFERENCES

Dr. Assad Farooq, Associate Professor/Chairman, Department of Fibre and Textile Technology, University of Agriculture, Faisalabad.
assadfarooq@googlemail.com, +923006628872

Dr. Saddam Hussain, Assistant Professor, Department of Agronomy, University of Agriculture, Faisalabad. sadamhussainuaf@gmail.com, +923335916489