STAFF PROFILE CONTENT BRIEF

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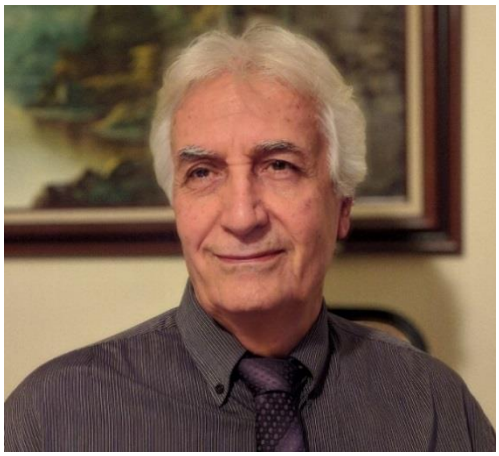
FACULTY OF APPLIED SCIENCES

DUT DURBAN UNIVERSITY OF TECHNOLOGY INYUVESI YASETHEKWINI YEZOBUCHWEPHESHE



DESIGNATION

HEAD OF DEPARTMENT

& SENIOR LECTURER

Title & Name:	Dr Akbar Fassihi
Qualification & Institution:	PhD Textile Science (NMU), M Text (Eng) (MSU)
Contact Number:	031 373 2148
Email Address:	afassihi@dut.ac.za
Campus:	Steve Biko
Area of Expertise:	Yarn and Fabric Manufacturing Technologies (Weaving, Knitting and Non-Wovens), Product Engineering and Textile Testing.
Short Bio:	Textile Engineer with 8 years' experience in the Textile Industry and 30 years in Academia in the Textile Technology Programme. Worked as Assistant Manager, Technical Manager and Quality Manager in various textile processing and fabric manufacturing companies. Joined Textile Technology Department of DUT as Senior Lecturer since 1991. Serve as Education Committee Member and lecturer of the South African Dyers and Finishers Association (SADFA), which is affiliated to the Society of Dyers and Colorists (SDC) in the UK for past 19 years.
Academic Interests:	Effects and evaluation of different yarn and fabric processing routes on the fibre's physical properties.

Research Links:

1) Banglore, V and Fassihi, A.A. 1991. Some parameters in friction spinning. The Indian Textile Journal. Oct.

No Link Found

2) Fassihi, A., Weideman, E., Barkhuysen, F. and Hunter, L. 2003. The yarn dismantler: a new technology for laboratory Conference Proceeding, World Cotton Research Conference -3. 9-13 March 2003. Cape Town.

https://icac.org/Content/EventDocuments/PdfFilesaa25725f_6018_476f_9781_e32836337c88/A%20yarn%20dismantler%20A%20new%20technology%20for%20laboratories.pdf

3) Fassihi, A., Weideman, E., Barkhuysen, F. and Hunter, L. 2004. The yarn dismantler: a new technology for laboratory. 3rd International Textile Bulletin. March.

https://www.researchgate.net/publication/295748622_The_yarn_dismantler_A_new_technology_for_laboratories

4) Fassihi, A. and Hunter, L. 2014. The further development and evaluation of an automatic dismantler of short staple ring-spun yarns. Textile Research Journal. Vol. 84(11): 1211-1219.

https://www.researchgate.net/publication/275476427_The_further_development_and_evaluation_of_an_automatic_dismantler_of_short_staple_ring-spun_yarns

5) Fassihi, A. and Hunter, L. 2015. Application of an automatic yarn dismantler to track changes in cotton fibre properties during processing on a miniature spinning line. Journal of Natural Fibers. Vol. 12(2).

https://researchspace.csir.co.za/dspace/bitstream/handle/10204/7946/Fassihi_2014.pdf?sequence=1&isAllowed=y

6) Fassihi, A. and Hunter, L. 2016. Application of an automatic yarn dismantler to track changes in cotton fibre properties during full scale processing of cotton into carded yarn. Journal of Natural Fibers. Vol. 13(5), August.

http://www.tandfonline.com/doi/full/10.1080/15440478.2015.1083925?af=R&