

Curriculum Vitae (CV)

Name Dr. Ali Elnaeim Musa



Profession Assistant Professor, Leather Tech. Dept., College of Applied and Industrial Sciences, University of Bahri.

Date of Birth 1962

Place of Birth Um Ruwaba, North Kordofan State- Sudan

Nationality Sudanese

Address University of Bahri , College of Applied and Industrial Sciences, Department of Leather Technology.

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Education

1970-1976 Preliminary School

1976-1979 Intermediate School

1979-1982 Secondary School

1983-1989 B.V.SC Faculty of Veterinary Science- University of Khartoum

1996-1999	M.Sc Leather Technolgy and Production – Islamic Omdurman University- Faculty of Agriculture
2005-2009	Ph.D Leather technology, Juba University & Central Leather Research Institute (CLRI), Chennai, India

Exerience Record

25th March 2012 – up to date	Deputy Dean, College of Applied and Industrial Sciences.
July 2011- 24th March 2012	Assistant professor, Head of Department of Leather Technology (Industrial Department) , College of Applied and Industrial Sciences, University of Bahari
2009 – June 2011	Assistant professor, Head of Department of Leather Technology, College of Applied and Industrial Sciences, University of Juba
2005-2009	Ph.D student, Central Leather Research Institute (CLRI), Chennai, India
2000- 2005	Lecturer , Department of Leather Technology, Examination Officer, College of Applied and Industrial Sciences & Head of Dept. of Leather Technolgy
1999-2000	Leather technology specialist- Ministry of Animal Resources -Sudan
1996-1999	Student in higher Studies, M.Sc Leather Technolgy and Production, Omdurman Islamic University- Faculty of Agriculture
1995-1996	Director of Elobied Dairy Farm and Artificial Insemination, Ministry of Animal Resources - Sudan
1994-1995	Meat inspector- Elobied slaughterhouse, Ministry of Animal Resources -Sudan

Sept. 1993- 1994	Director of Veterinary Services- Bara Province Ministry of Animal Resources -Sudan
June 1993-August 1993	Director of Artificial Insemination Center-South Kordofan State, Ministry of Animal Resources - Sudan
1992-May 1993	Veterinary officer, meat inspector and vaccination team leader, Ministry of Animal Resources -Sudan
1989-1990	Joined Wad Elmamour Dairy Farm as Veterinarian

Training Courses

10 th Nov. 1992- 10 th Jan. 1993	Artificial Insemination Course in Cattle – National Artificial Insemination Center – (Kuku-Khartoum)
15 th Nov. 1997-10 th Dec. 1997	Hide and Skin Improvement Course (Hide and Skin Improvement Center- Omdurman)
13 th Dec. 1997-27 th Dec 1997	Animal health course (Khartoum Teaching Veterinary Hospital - Khartoum)
17 th May 1999- 5 th July 1999	Basic Immunology Course (Central Veterinary Research Laboratory – Soba -Khartoum)
15 th July 2000- 29 th July 2000	Artificial Insemination Course in Goats – National Artificial Insemination Center – (Kuku-Khartoum)
Feb. 2001- Aug. 2001	Automated Information System (Computer Studies Center, University of Juba)
Dec. 2006	Certificate of training, course in programming Visual Basic Net (VB.NET), (SSI Education, Chennai, India)
August 2007	Certificate of training, course in programming C,C++, Appollo Computer Education LTD (A Unit of Appollo Colleges Group, Chennai, India)
March 2008	Certificate of training, course in Master Training in Java Technology (Oracle, Web Designing, Core Java, XML, J2EE), Appollo Computer Education LTD (A Unit of Appollo Colleges Group,

26th May 2012- 31th May 2012

Chennai, India)

Training Course in Curriculum Design and Development, University of Bahri, Directorate of Quality and Development.

Teaching

Year	Course Name	Institution
2000 -2012	ILT 311 Theory of Tanning	University of Juba (Bahri), College of Applied and Industrial Sciences, Department of Leather Technology
	ILT 313 Hide and skin	
	ILT 321 Heavy Leather Manufacture I	
	ILT 411 Heavy leather manufacture II	
	ILT 413 Light leather manufacture I	
	ILT 421 Leather Dyeing and Finishing I	
	ILT 423 Light Leather Manufacture II	
	ILT 511 Leather Dyeing and Finishing II	
	ILT 513 Tannery Technology I	
	ILT 514 Quality Control of Leather	
	ILT 515 Pilot Plant Operation	
	ILT 521 Topics in Sudanese Leather Industry	
	ILT 523 Tannery Technology II	
	IBT 511 Immunology	
	IBC 325 Animal Physiology	
	IBC 525 Neurophysiology	
	IMI 416 Introductory parasitology	
	Zoology (Biology II)	
	Animal house techniques	Diploma level

	Analytical Biochemistry	Diploma level
2010	Raw Materials for Leather Manufacture	University of Sudan for Sciences and Technology, College of Engineering, Department of leather and footwear engineering.
2012	Leathers Production and Animal Byproducts	University of Khartoum, Faculty of Animal Production, Department of Meat Production.

Supervision

Degree	Remarks
Ph.D	Co-supervision, Ph.D in Leather Engineering, University of Sudan for Sciences and Technology, College of Engineering, Department of leather and footwear engineering.
M.SC	Co-supervision M.Sc , Treatment of industries waste, University of Bahri, College of Applied and Industrial Sciences, Department of Leather Technology

Area of interest

Raw Hides and Skins improvement, Leather Process Technology, Combination Tanning System, Cleaner Leather Processing, Leather Science, Human Resource Development, Development of Eco-friendly Tanning Process Systems. Collagen stability

Membership of Editorial Board

S.NO	Journal Name	Date
1.	Journal of Forest Products and Industries (JEPI) Website: http://www.researchpub.org/journal/jfpi/jfpi.html	2012
2.	Journal of Applied Environmental and Biological Sciences (JAEBS) website: www.textroad.com/Journals	2012
3.	Journal of Basic and Applied Scientific Research (JBASR) website: www.textroad.com/Journals	2012

Other activities

- Theoretical and practical training in physical testing of leather (national leather technology center-Khartoum).
- Member of Sudanese Veterinary council-Khartoum-Sudan.
- Member of Sudanese Veterinary Association -Khartoum-Sudan.
- Attended Sudanese veterinary association conference- kadogli 1993.
- Attended Arab veterinary association conference 1998 Khartoum Sudan.
- .Attended Fourth Scientific conference – Animal Resources in Sudan 1999.
- Member of committee, B.Sc Syllabus for Leather and Footwear Engineering (2006) , University of Sudan for Science and Technology, College of Engineering, Department of leather and footwear engineering.
- Attended 41st LERIG (Leather Research Industry Get-Together)-2007, BEST (Benign environmental and sustainable technologies) organized by CLRI (Central Leather Research Institute) in association with all stake holders of the Indian leather sector- January 27-29, 2007 (CLRI, Chennai).
- Attended India International Leather Fair, January 31–February 03, 2007, Chennai Trade Centre, Chennai.
- Attended 42st LERIG (Leather Research Industry Get-Together)-2008, January 27-29, 2008 (CLRI, Chennai).

- Attended India International Leather Fair, January 31–February 03, 2008, Chennai Trade Centre, Chennai.
- Examination Committee Member, College of Applied and Industrial Sciences, University of Juba.
- College council member, College of Applied and Industrial Sciences, University of Juba.
- Member of committee, B.Sc Syllabus for Leather and Footwear Engineering (2011) , University of Sudan for Sciences and Technology, College of Engineering, Department of leather and footwear engineering.
- Attended UNIDO-Sudan Leather Mission, “Assessment and Recommendations.” By KP Lall & NK Chandra Babu , Ministry of Investment, Khartoum, June -2011.
- Internal examiner, M.Sc in biochemistry, Department of Biochemistry, College of Applied and Industrial Sciences, University of Juba.

International publications

1. **Musa A.E.**, Madhan B., Madulatha W. Sadulla S. and Gasmelseed G.A. (2008), Henna Extract: Can it be an Alternative Retanning Agent? Journal of the American Leather Chemists Association, Vol. 103, pp. 188-193.
2. **Musa A.E.**, Madhan B., Madhulatha W., Raghava Rao J. and Gasmelseed G.A. and Sadulla S. (2009), ‘Coloring of Leather using Henna - Natural Alternative Material for Dyeing’, Journal of the American Leather Chemists Association, Vol. 104, pp. 183-190.
3. **Musa A.E.**, Madhan B., Swarna V.Kanth, Raghava Rao J., Chandrasekarab B, Gasmelseed G.A (2009) ‘Cleaner Tanning Process for Upper Leather Processing’, Journal of Clean Techn Environ Policy.

4. **Musa A.E.**, Madhan B., Aravind R., Raghava Rao J., Chandrasekaran B. and Gasmelseed G.A. (2009), 'Studies on Combination Tanning based on Henna and Oxazolidine,' Journal of the American Leather Chemists Association, Vol. 104, pp. 335-342.
5. **Musa A.E.**, Madhan B., Aravind R., Swarna V.Kanth, Raghava Rao J., Chandrasekaran B. and Gasmelseed G.A. (2011), 'Studies on Henna – Glutaraldehyde Combination Tanning System,' Journal of the American Leather Chemists Association, Vol. 106, pp. 92-101.
6. **Musa A.E.**, A. Tamil Selvi, Aravind R., Madhan B., Raghava Rao J., Chandrasekaran B.(2011), 'Evaluation of Antimicrobial Activity of lawsonia inermis (henna) against microbial strain isolated from goat skin/leather' Journal of the American Leather Chemists Association, Vol. 106 (5), pp 170-175.
7. **Musa A.E.**, Aravind R., Madhan B., Raghava Rao J., Chandrasekaran B.(2011), 'Henna-Aluminum Combination Tannage: A Greener Alternative Tanning System ' Journal of the American Leather Chemists Association, Vol. 106 (6), 190-199.
8. **Musa A.E.**, Madhan B., and Gasmelseed G.A. (2011), 'Aluminium-Vegetable Combination Tannage for Production of Shoe Upper Leathers' U of K J. Vet. Med. & Anim. Prod, Vol. 2, No. 1, (57-81).
9. **Musa A.E.**, and and Gasmelseed, G.A. (2012), Upgrading of Rural Garad-Tanned Crust Leathers. J. Soc.Leaner Technol. Chem. 96, 27-31.
10. **Musa, A.E** and Gasmelseed G.A (2008), 'Utilization of Indigenous Tannins for Chrome Retannage' Industrial Reseach Journal, Vol 6, pp 90-97.

11. **Musa, A.E** and Gasmelseed G.A (2012), ‘Characterization of *Lawsonia inermis* (Henna) as Vegetable Tanning Material’. Journal of Forest Products & Industries, Vol 1(2), pp 35-40.
12. **Musa A.E.**, and and Gasmelseed, G.A., Combination Tanning System for Manufacture of Shoe Upper Leathers: Cleaner Tanning Process. J. Soc.Leather Technol. Chem. Accepted Nov. 2012.

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe myself, my qualifications my experience.