

Lifelines

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Chao Lei received his Bachelor's degree in Light Chemical Engineering from Qilu University of Technology in 2017, and his Master's degree in Leather Chemistry and Engineering from Sichuan University in 2020. Now he is pursuing his Ph.D. degree in Light Industry Technology and Engineering at Sichuan University. His current research focuses on clean leather production.

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Bi Shi, see *JALCA* **99**, 220, 2004

Rajkumar Dewani earned his Master's degree in 2001 in Analytical Chemistry from Dept. of Chemistry, University of Karachi and completed PhD (Green Analytical Chemistry) in 2018, from the same university. He has expertise in general chemical analysis and specifically in leather, textile materials, processing chemicals and wastewater. He has around 15 publications on his account in peer reviewed journals. He also has experience of working with natural and synthetic polymers and their compounding. Currently working as a Senior Researcher in Leather Research Centre which is a part of Pakistan Council of Scientific and Industrial Research (PCSIR) with 20 years of research experience. He is also the Technical Manager of an analytical laboratory with state-of-the-art equipment. He also has sound knowledge regarding the technical requirements of ISO 17025:2017 Quality Management System for testing laboratories. His current interests are Green chemistry, Eco-friendly chemicals and Sustainable processes and Analysis of toxic chemicals.

Tahira Ayaz completed her Master's in chemistry from University of Karachi in 1998. She is currently the head of Chemical Research Division and a Senior Researcher in Leather Research Centre (LRC), Pakistan Council of Scientific and Industrial Research (PCSIR). She has more than 20 years of experience in leather, leather processing chemicals and water and wastewater analysis. Additionally, she is also leading the Quality Management team of LRC as a Quality Management Representative for necessary compliances against ISO 17025:2017 system for analytical testing laboratories. She holds a national patent along with six research publications in peer reviewed journals. She also supervises an EPA certified lab for water and wastewater analysis.

Muhammad Kashif Pervez joined the Pakistan Council of Scientific and Industrial Research (PCSIR) in 2003 and is currently working as a Chief Scientific Officer (CSO)/Director at Leather Research Centre (LRC)-PCSIR, Karachi. Dr Kashif earned his doctorate degree in the field of Medicinal Chemistry (Phytochemistry) in 2005. In 2010-2011 Dr Kashif was awarded a prestigious scholarship

(HEC Postdoctoral Study Program) to conduct research on 'Synthesis of eco-friendly dyes and metal complexes' with Prof. Dr Harold S. Freeman in North Carolina State University (NCSU), USA. Dr Kashif has been awarded with Research Productivity Allowance (RPA) for three times by Pakistan Council of Science & Technology (2004, 2005 & 2006). Dr Kashif made several In-house R & D Projects and proposals (funded) mostly addressing Eco-friendly Synthesis of Leather and Textile auxiliaries for application in Leather & Textile industries. Dr Kashif has expertise in the testing of toxic and hazardous chemicals and substances in Leather and Textile. Dr Kashif has several national and international publications in reputed International Journals. His key areas of interest are eco-friendly and sustainable approaches in synthesis, processing and analysis of leather and textile materials.

Sarwat Jahan Mahboob is working as a Senior Scientific Officer in Chemical Research Division (CRD), Leather Research Centre (LRC), Pakistan Council of Scientific and Industrial Research (PCSIR), since 2002. She earned a Bachelor's degree in Chemistry and

Master's degree in Organic Chemistry from University of Karachi and M. Phil in Organic Chemistry also from the same university. Her particular interests include synthesis of leather chemicals, such as fatliquors, retanning agents for making non dyed self-colouring leather. She is also Technical manager of ISO 17025:2017 scope laboratory in CRD, looking after the overall technical compliances, specially the uncertainty for various tests under the accreditation scope.

Sikandar Ali Soomro has earned a Bachelor's degree (1995) in Science from Shah Abdul Latif University, Khairpur, Sindh, Pakistan. He has 27 years of working experience in Chemical analysis in the field of Leather Technology, analytical testing and R & D projects with three publications on his account. He is currently working as a Junior Technical Officer in Leather Research Centre, Pakistan Council of Scientific and Industrial Research (PCSIR), under Ministry of Science and Technology, Karachi, Pakistan. He is also associated with the technical compliances of ISO 17025:2017 Quality Management System.

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