

SCIENTIFIC PROFILE



Tuan-Anh Nguyen, PhD

- Dean of Faculty of Garment Technology and Fashion Design (FGTFD)
- Ho Chi Minh City University of Technology and Education (HCMUTE)

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PERSONAL DETAILS

Date of birth: Sep 12, 1979

Place of birth: Nam Dinh Province, Vietnam

Gender: Male

In 2004, he received Bachelor of Engineering in Garment Technology at Ho Chi Minh City University of Technology and Education (HCMUTE). Then, he became an academic staff in Textile Materials at HCMUTE. Since 2007, he got Master of Science in Textile and Garment Technology at Hanoi University of Science and Technology (HUST). In 2014, he got PhD in Energy and Optoelectronic Materials (Polymer Science) at National Taipei University of Technology (Taipei Tech, Taiwan). His current work focuses on Polymeric and Textile Materials.

PROFESSIONAL EXPERIENCES

2018-Now	Dean of Faculty of Garment Technology and Fashion Design, HCMUTE
2015-2018	Head of Department of Garment Technology at Faculty of High Quality Training, HCMUTE
2011-2015	Research Assistant (RA) at Rheological Laboratory of Polymer Engineering at National Taipei University of Technology (Taipei Tech), PhD Candidate of Energy and Optoelectronic Materials Program (EOMP), Taiwan
2007-2011	Deputy Head of Department of Garment Technology at Faculty of Garment Technology and Fashion Design, HCMUTE
2004-2007	Academic Staff of Department of Garment Technology, HCMUTE Teaching courses: Textile Materials, Fabric Finishing Processes, Applied Information Technology in Garment Industry, Industrial Sewing Machinery
2003-2004	Quality Control (QC) Staff at Korea - Vietnam Garment Co.Ltd

EDUCATION

2011-2014	National Taipei University of Technology (TAIPEI TECH) Doctor of Philosophy (PhD) in Energy and Optoelectronic Material Program (EOMP) Title of thesis: Conformational and Rheological Study of Xanthan Gum and Its Blends
2005-2007	Hanoi University of Science and Technology (HUST) Master of Science (MSc) in Textile and Garment Technology Title of thesis: Study on Antimicrobial and Water Repellent Treatment using for PE-CO Fabric Protective Clothes in Human Health Field
1999-2004	Ho Chi Minh City University of Technology and Education (HCMUTE) Bachelor of Engineering (BE) in Garment Technology Title of thesis: Study on Sandal Design and Assembly

SKILLS AND CERTIFICATES

Information Technology: MS Office, Web Design, Graphic Softwares

Training Courses: Administrative Leadership in India (ASCI), AUN-QA assessment in Thailand (Tier 1), Mekongskill Professional Development (USAID Project), Senior Lecturer

Languages: English (Good), Chinese (Fair), Vietnamese (Mother tongue)

Licence: Motor Driving

INTERESTS AND HOBBIES

Natural Sciences: Chemistry, Textiles, Space Discovery

Social Sciences: Literature, History

Entertainment: Painting, Football, Tourism

PUBLICATIONS

INTERNATIONAL ARTICLES

(1) **T.A. Nguyen** (2018), “*Multifunctional Smart Textiles: Influences of Hydrophobic Additional Finishes on Antimicrobial Treated Cotton Fabric*”, The 4th International Conference on Green Technology and Sustainable Development (GTSD2018), IEEE, 524-527

(2) **T.A. Nguyen**, V.T.O Ta (2018), “*Interaction between Fluoro Emulsion and Silane Quaternary Ammonium Salt on Dual Antibacterial and Water Repellent Fabric of Surgical Gown*”, The 7th Conference on Translational Health Science and Technology for Developing Countries, ISBN 978-981-13-5859-3

(3) **T.A. Nguyen** (2016), “*Synergistic Effect of Concentration, Temperature and Oscillation Frequency on Anisotropic and Rheological Behavior of Aqueous Xanthan Gum Mixtures*”, The 3rd International Conference on Green Technology and Sustainable Development (GTSD2016), IEEE, 256-262

(4) **T.A. Nguyen** (2016), “*Study on Color Testing Methods on Knitted Sportswear at Testing Lab of Garment Factory*”, The 21th Scientific Conference – Textile Engineering Section (HUUST), Vietnam Mechanical Engineering Journal, 38-41 (ISSN 0866-7056)

(5) **T.A. Nguyen**, S.P. Rwei (2015), “*Conformational Formation and Phase Transition of Xanthan Gum and Its Blends – An Optical, Thermal and Rheological Study*”, The 3rd International Conference, Asia Pacific Network for Sustainable Agriculture Food and Energy (SAFE2015), ISSN 2338-1345, Vol 3(2)

(6) S.P. Rwei, **T.A. Nguyen**, J.C.R. Lee (2015) “*Liquid Crystal Formation and Rheological Study in Aqueous Blends of Xanthan/Acacia Gum*”, Food Hydrocolloids (**SCI/IF** = 4.28), 46 (52-58)

(7) Syang-Peng Rwei*, **T.A. Nguyen** (2014), “*Phase Formation and Transition in a Xanthan gum/H₂O/H₃PO₄ Tertiary System*”, Cellulose Journal (**SCI/IF**=3.47)

(8) S.P. Rwei, **T.A. Nguyen** (2014), “*Liquid Crystalline Phase in Xanthan Gum (XG)/H₂O/H₃PO₃ and XG/H₂O/H₃PO₄ Tertiary System: a Thermal and Rheological Study*”, Cellulose (**SCI/IF**=3.48), 21(5): 3231-3241

(9) S.P. Rwei, **T.A. Nguyen**, (2014) “*Formation of Liquid Crystals and Behavior of LCST upon Addition of XG to HPC Aqueous Solutions*”, Cellulose (**SCI/IF** = 3.48)

(10) **T.A. Nguyen**, S.P.Rwei, H.W. Wu (2014), “*Synergistic Interaction between Xanthan Gum (XG) and Hydroxypropyl Cellulose (HPC) in Blended-HPC/H₂O/H₃PO₄ Tertiary System*”, Springer Proceedings of 5th International BME Conference in Vietnam, 286-289

(11) **T.A. Nguyen**, S.P.Rwei (2014), “*Liquid Crystalline Behavior and Miscibility of HPC/H₂O/H₃PO₄ Tertiary System as Blending XG in HPC*”, Asian Workshop on Polymer Processing in Kenting, Taiwan

(12) Vu Thi Hong Khanh, Le Huu Chien, **Tuan-Anh Nguyen**, Pham Duc Duong, Tran Thi Phuong Thao (2009), “*Antibacterial And Water Repellent Treatment Of Woven Fabric For Surgical Reusable Gowns*”, Proceedings of International Conference on Fiber Society, Shanghai, China

DOMESTIC ARTICLES

- (1) **T.A Nguyen** (2011), “*Luxury Fabric - How to Care, Saigon Business Magazine*”, 50 (25), 100-101.
- (2) **T.A Nguyen** (2011), “*Water Repellent Treatment for Belongings*”, *Saigon Business Magazine*”, 52 (25), 88-89
- (3) **T.A Nguyen** (2010), Nguyen Ngoc Chau, Ho Thi Thuc Khanh, “*Software Design for Garment-Textile Dictionary*”, Journal of University of Technical Education, HCMUTE

BOOKS AND TEXTBOOKS

- (1) **T.A Nguyen** (2013), “*Textile Materials: Fibers and Yarns*”, Vietnam National University, HCMC, Vietnam, IBBN: 5064092419596
- (2) **T.A Nguyen** (2013), “*Textile Materials: Fabrics and Trims*”, Vietnam National University, HCMC, Vietnam, ISBN: 5079882425473
- (3) **T.A Nguyen** (2013), “*Textile Finishes*”, Vietnam National University, HCMC, Vietnam, ISBN: 5064092419589
- (4) **T.A Nguyen** (2012), “*Applied Information Technology for Clothing Industry*”, Vietnam National University, HCMC, Vietnam, ISBN: 5121742419679
- (5) Tran Thi Theu, **Nguyen Tuan Anh** (2008), “*Costume Design II*”, Vietnam National University, HCMC, Vietnam, ISBN:180000
- (6) Tran Thi Theu, **Nguyen Tuan Anh** (2008), “*Clothing Manufacturing Technology I*”, Vietnam National University, HCMC, Vietnam, ISBN:179999
- (7) Tran Thi Theu, **Nguyen Tuan Anh** (2008), “*Protective Clothing Design*”, Vietnam National University, HCMC, Vietnam, ISBN:179998