



## รองศาสตราจารย์ ดร.ถนัต จินตโกศล

(ประธานหลักสูตรศิลปกรรมศาสตรบัณฑิต สาขาวิชาผลิตภัณฑ์สร้างสรรค์)

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### ความเชี่ยวชาญ

- วัสดุนาโน
- วัสดุดูดซับ
- การขึ้นรูปตัวเรือนเครื่องประดับ

### ประวัติการศึกษา

พ.ศ. 2551	ปร.ด. วัสดุศาสตร์. มหาวิทยาลัยเชียงใหม่. ประเทศไทย
พ.ศ. 2545	วศ.ม. เทคโนโลยีวัสดุ. มหาวิทยาลัยเทคโนโลยีพระจอมเกล้าธนบุรี. ประเทศไทย
พ.ศ. 2540	ค.อ.บ. วิศวกรรมอุตสาหกรรม. มหาวิทยาลัยเทคโนโลยีพระจอมเกล้าธนบุรี. ประเทศไทย

### ใบอนุญาตทางวิชาชีพ

พ.ศ.2540 – ปัจจุบัน ใบอนุญาตประกอบวิชาชีพวิศวกรรมควบคุม ระดับ ภาควิศวกร  
สาขาวิศวกรรมอุตสาหกรรม สภาวิศวกร

### ประสบการณ์งานบริหาร

- พ.ศ. 2564 - ปัจจุบัน ประธานหลักสูตรผลิตภัณฑ์สร้างสรรค์ วิทยาลัยอุตสาหกรรมสร้างสรรค์
- พ.ศ. 2553 - 2557 ผู้ช่วยคณบดี ฝ่ายพัฒนาระบบการศึกษา คณะวิทยาศาสตร์ มหาวิทยาลัยศรีนครินทรวิโรฒ
- พ.ศ. 2552 - 2553 เลขานุการ ภาควิชาวิทยาศาสตร์ทั่วไป



## ผลงานวิชาการ

### 1.1 ผลงานวิจัยที่ตีพิมพ์ในระดับชาติ

**Thanut Jintakosol**, Walaikorn Nitayaphat, Coating Ag<sub>2</sub>S Films on Silver Jewelry by Electrochemical Method, *Journal of Materials Science and Applied Energy*. 2021 (10) 2, 41-48.

### 1.2 ผลงานตีพิมพ์

Walaikorn Nitayaphat, **Thanut Jintakosol**, Adsorption of Ag (I) from Aqueous Solutions Using Regenerated Silk Fibroin Adsorbent Beads, *JOURNAL OF NATURAL FIBERS*, 2022 (19) 9, 3365-3377.

Walaikorn Nitayaphat, **Thanut Jintakosol**, Optimizing the Dyeing of Silk Fabric with Gemstone Powder using Exhaustion, *Asian Journal of Chemistry*. 2020 (32)9, 2275-2278.

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Anuwati Mourpichai, **Thanut Jintakosol**, Walaikorn Nitayaphat, Adsorption of gold ion from a solution using montmorillonite/alginate composite, *Materials today: Proceedings*. 2018 (5), 14786-14792.

Walaikorn Nitayaphat, **Thanut Jintakosol**, Poly (lactic acid)/Organoclay Nanocomposite Fiber: Preparation, Characterization and Curcumin Natural Dyeing, *Asian Journal of Chemistry*. 2018 (30)6, 1237-1242.

Ruenkaew Ranganyutthana, **Thanut Jintakosol**, Walaikorn Nitayaphat, Adsorption of Basic and Acid Dyes Using Alginate/Sericin Composite Beads, *Asian Journal of Chemistry*. 2018 (30)4, 920-926.



- Thanut Jintakosol**, Walaikorn Nitayaphat, Influence of Tin addition on the Microstructure, Melt Properties and Mechanical Properties of Ag-Cu-Zn-Sn Braze Filler, *International Journal of Materials, Mechanics and Manufacturing*. 2018 (6) 4, 291-294.
- Walaikorn Nitayaphat, **Thanut Jintakosol**, Preparation of Chitosan/Organoclay Nanocomposite as Silver (I) Ion Adsorbent, *Asian Journal of Chemistry*. 2017 (29)3, 683-690.
- Thanut Jintakosol**, Walaikorn Nitayaphat, Adsorption of silver (I) from aqueous solution using chitosan/montmorillonite composite beads, *Materials Research*. 2016 (19)5, 1114-1121.
- Thanut Jintakosol**, Synthesis of Silver Nanoparticles by Sparking Process, *Key Engineering Materials*. 2016 (675-676), 73-76.
- Thanut Jintakosol**, Optical Property of Sb-doped SnO<sub>2</sub> Nanoparticle Thin Films by Sparking Process, *Applied Mechanics and Materials*. 2015 (749), 141-145.
- Walaikorn Nitayaphat, **Thanut Jintakosol**, Removal of silver (I) from aqueous solutions by chitosan/bamboo charcoal composite beads, *Journal of Cleaner Production*. 2015 (87), 850-855.
- Walaikorn Nitayaphat, **Thanut Jintakosol**, Kamontip Engkaseth, and Yada Wanrakakit, Removal of methylene blue from aqueous solution by coffee residues, *Chiang Mai Journal of Science*. 2015 (42)2, 407-416.
- T. Jintakosol**, P. Singjai, Luminescence Property of Sn-doped ZnO Nanowires by Current Heating Deposition, *Journal of Optoelectronics and Biomedical Materials*. 2014 (6), 57-62.
- W. Nitayaphat, **T. Jintakosol**, Removal of Silver (I) from Aqueous Solution by Chitosan/Carbon Nanotube Nanocomposite Beads, *Advance Materials Research*. 2014 (893), 166-169.
- T. Jintakosol**, S. Kumfu, P. Singjai, C. Busabok, Effect of Wear Tests on Silicon Carbide Nanowire/Aluminium Metal Powder Composites, *Chiang Mai Journal of Science*. 2012 (39)1, 41-48.
- T. Jintakosol**, S. Kumfu, Properties of Thermal Insulation from Durian Peel Fiber and Natural Rubber Latex, *Advance Materials Research*. 2012 (506), 571-574.



- S. Kumfu, **T. Jintakosol**, S. Tangjuank, The Effect of Binder Phase on the Mechanical Properties of Particle Boards Based on Giant Sensitive Plant, *Advance Materials Research*. 2012 (506), 506-562.
- S. Kumfu, **T. Jintakosol**, Thermal Insulation Produced from Pineapple Leaf Fiber and Natural Rubber Latex, *Advance Materials Research*. 2012 (506), 453-456.
- T. Jintakosol**, S. Asavavisithchai, The Effect of SiC Added to  $AlTiH_2$  Metal Foam, *Journal of the Microscopy Society of Thailand*. 2011 (4)2, 127-129.
- T. Jintakosol**, P. Singjai, Effect of annealing treatment on luminescence property of MgO nanowires, *Current Applied Physics*. 2009 (9), 1288-1292.
- P. Singjai, **T. Jintakosol**, S. Singkarat, S. Choopun, Luminescence property and large-scale production of ZnO nanowires by current heating deposition, *Materials Science and Engineering B*. 2007 (137), 59-62.
- T. Jintakosol**, P. Singjai, Synthesis of Silicon Carbide Nanowires Dope with  $Al_2O_3$ , *Key Engineering Materials*. 2007 (353-358), 2171-2174.
- T. Jintakosol**, Y. Gogotsi, P. Singjai, Silicon carbide nanowires synthesized by a current heating of a silica- graphite rod, *Materials Science and Technology: MATERIALS AND SYSTEMS*. 2006 (2), 415-421.



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### Expertise

- Nanomaterials
- Adsorption materials
- Jewelry processing

### Education Background

**2008, Ph.D.** (Materials Science), Chiang Mai University, Thailand

**2002, M.Eng.** (Materials Technology), King Mongkut's University of Technology Thonburi,  
Thailand

**1997, B.S. Tech.Ed.** (Industrials Engineering), King Mongkut's University of Technology Thonburi,  
Thailand

**1997-present,** License for Professional Practice, Associate Industrial Engineer

### Academic & Professional Experiences

#### 1.1.1 International Publications

Walaikorn Nitayaphat, **Thanut Jintakosol**, Adsorption of Ag (I) from Aqueous Solutions Using Regenerated Silk Fibroin Adsorbent Beads, *JOURNAL OF NATURAL FIBERS*, 2022 (19) 9, 3365-3377.



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- S. Kumfu, **T. Jintakosol**, Thermal Insulation Produced from Pineapple Leaf Fiber and Natural Rubber Latex, *Advance Materials Research*. 2012 (506), 453-456.
- T. Jintakosol**, S. Asavavisithchai, The Effect of SiC Added to AlTiH<sub>2</sub> Metal Foam, *Journal of the Microscopy Society of Thailand*. 2011 (4)2, 127-129.
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### 1.1.2 Nation Publications

Thanut Jintakosol, Walaikorn Nitayaphat, Coating Ag<sub>2</sub>S Films on Silver Jewelry by Electrochemical Method, *Journal of Materials Science and Applied Energy*. 2021 (10) 2, 41-48.

## 1.2 Textbook

Thanut Jintakosol. Jewelry Making, Charansanitwong Printing, ISBN 978-616-497-160-8