ASSOC. PROF. DR. THIRADET JIARASUKSAKUN

The Institute for the Promotion of Teaching Science and Technology (IPST)

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Educations:

Year 2006	Ph.D. (Mathematics) The University of Michigan – Ann Arbor, MI USA
Year 2004	M.S. (Mathematics) The University of Michigan – Ann Arbor, MI USA
Year 2000	B.S. (Mathematics with Honors) The University of Chicago, IL USA

Executive Positions:

Sep 2022 – Current	President of IPST
Nov 2016 – Aug 2022	Dean of Faculty of Science, King Mongkut's University of Technology Thonburi (KMUTT)
Oct 2013 – Oct 2016	Head of Department of Mathematics, Faculty of Science, KMUTT
Nov 2012 – Sep 2013	Assistant Dean for Administrative Affairs (Quality Improvement) Faculty of Science, KMUTT
Nov 2008 – Nov 2012	Assistant Dean for Quality Assurance, Faculty of Science, KMUTT

Academic Positions:

Sep 2018 – Aug 2022	Associate Professor in Mathematics, Faculty of Science, KMUTT
Oct 2011 – Aug 2018	Assistant Professor in Mathematics, Faculty of Science, KMUTT
Jul 2006 – Sep 2011	Lecturer in Mathematics, Faculty of Science, KMUTT

Recent Work Experiences:

- Vice Chairman of Council of Science Dean of Thailand from 2021 – 2022

- Treasurer of Council of Science Dean of Thailand from 2018 – 2021

- Chairman of Mathematical Olympiad Committee for The Promotion of Academic Olympiad and Development of Science Education Foundation under the Patronage of Her Royal Highness Princess Galyani Vadhana Krom Luang Naradhiwas Rajanagarindra (POSN) from 2020 – 2022

Recent Awards and Recognitions:

- Executive of the Year Award in the Field of Developing Science and Math Teachers / Educators from Foundation for Thai Society in 2020

- Development and Promotion of Science and Technology (DPST) Hall of Fame Award from Deputy Prime Minister Air Chief Marshal Prajin Juntong given on 17 Jul 2017

- Honorable Plaque for contribution in making reputation to DPST from the Institute for the Promotion of Teaching Science and Technology (IPST) in 2014

- Honorable Plaque for outstanding academic staff of Faculty of Science, KMUTT in 2014

Research Areas: Combinatorics, Graph Theory, Algebra, Mathematics Education

Recent Research Publications:

- H. Tabassum, S. A. Ul Haq Bokhary, T. Jiarasuksakun and P. Kaemawichanurat, **Counting the Numbers of Paths of All Lengths in Symmetric Dendrimers and Its Applications**, MATCH Communications in Mathematical and in Computer Chemistry, 2022, 88(3), 659-681, doi: 10.46793/match.88-3.659T.

- Songsuwan, N., Jiarasuksakun, T., Tangthanawatsakul, A. and Kaemawichanurat, P., **A Cop and Drunken Robber Game on n-Dimensional Infinite-Grid Graphs**, Mathematics, 2021, 9(17), 2107 MDPI Open Access https://doi.org/10.3390/math9172107.

- InpoonJai, P. and Jiarasuksakun, T., **On the existence of degree-magic lebellings of the n-fold self-union of complete bipartite graphs**, Algebra and Discrete Mathematics, 2019, 28 (1), pp. 107 – 122.

- Tokunaga, S., Jiarasuksakun, T. and Kaemawichanurat, P., **Isolation number of maximal outerplanar graphs**, Discrete Applied Mathematics, 2019, 267, pp. 215-218.

- Kaemawichanurat, P. and Jiarasuksakun, T., **A Note on a Conjecture on Niche Hypergraphs**, Czechoslovak Mathematical Journal, 2019, 69 (1), pp. 93-97.

- Rutjanisarakul, T. and Jiarasuksakun, T., **A Sport Tournament Scheduling by Genetic Algorithm with Swapping Method**, Journal of Engineering and Applied Sciences, 2018, 13 (14), pp. 5796-5800.

- Kaemawichanurat, P. and Jiarasuksakun, T., **Some Results on the Independence Number of Connected Domination Critical Graphs**, AKCE International Journal of Graphs and Combinatorics, 2018, 15, pp. 190-196.

- InpoonJai, P. and Jiarasuksakun, T., **Balanced Degree-Magic Labelings of Complete Bipartite Graphs under Binary Operations**, Iranian Journal of Mathematical Sciences and Informatics, 2018, 13 (2), pp. 1 – 13.