



**Publication Report Form**

<b>Subject of publication (Under which Task no.)</b>	<b>Task No. 5.4</b>
<b>Work Package no. (Publication under which WP no.)</b>	<b>WP No. 5</b>
<b>Paper Title</b>	<b>Learning Experience from Teaching and Learning Method in Engineering Education: Instructors' Viewpoint</b>
<b>Keywords</b>	Learning experience, Teaching and learning methods, Instructors' viewpoint, Experience model, LOVE, Quality in engineering education
<b>Publication (Please select one)</b>	<p>1. Journal/Magazine</p> <p>1.1 Name of the Journal/ magazine: .....</p> <p>1.2 Published date: .....</p> <p>1.3 Volume no.: .....</p> <p>1.4 Page no.: .....</p> <p>2. Conference</p> <p>2.1 Name of the conference: 13th annual International Technology, Education and Development Conference, INTED 2019</p> <p>2.2 Venue and date: Hotel Melia Valencia, Valencia, Spain, March 11-13, 2019</p> <p>2.3 Expected number of Audiences/Participants: 100</p> <p>2.4 Photo (if available) (Please provide in pdf file): Learning Experience from Teaching and Learning Method in Engineering Education: Instructors' Viewpoint_photos.pdf</p>
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<b>Abstract (Only for the papers published in Journals or Conferences)</b>	
<p>Knowledge-based learning has been the emphasized pedagogy and balanced with skills-based learning in Engineering education for the last six decades. Students have learned and gained their experiences mainly from lectures, assignments, laboratory sessions, project works, and a final-year project or a dissertation. Besides pedagogy improvement, several teaching and learning methods such as problem-based learning, project-based learning, virtual classroom, etc., have been introduced and applied to offer a variety of learning activities to enhance graduates' competence. This paper presents an analysis of the learning experience that students gain from current teaching and learning methods instructors are using. A survey was conducted on both European</p>	



and Thai instructors in Industrial Engineering departments and related fields on teaching and learning methods that they normally use and that are effective in their opinion. The survey results were analyzed and mapped on learning experience model called 'LOVE' that classifies learning activities based on the nature of learning and student involvement to draw insight about experience students gain.

**Others**

- DOI: 10.21125/inted.2019
- Link: <https://library.iated.org/view/HUSSADINTORNNAAAYUTTHAYA2019LEA>
- VOD Clip on MSIE 4.0 Channel: <https://youtu.be/sNRz7OKxJOI>
- Link on MSIE4.0 website: <https://msie4.ait.ac.th/msie-4-0-members-participated-in-inted-2019/>

**\*Attachment: PDF file of published paper**

- (1.) INTED-919 Learning Experience from Teaching and Learning Methods in Engineering Education..Instructors' Viewpoint.pdf [Paper]
- (2.) Learning-Experience-from-Teaching-and-Learning-Methods-in-Engineering-Education..Instructors-Viewpoint.pdf [Slide]