

# Pedagogic Competency Model: Development from The Point of View of The Initial Characteristics of Teachers, Involvement with Organizations and Competency Development Strategies

**Ratnawati Susanto<sup>1</sup>**

Universitas Esa Unggul

<http://orcid.org/0000-0002-9264-9995>

**Noni Agustina<sup>2</sup>**

Universitas Esa Unggul

<http://orcid.org/0000-0002-6099-2932>

**Yuli Azmi<sup>3</sup>**

Universitas Esa Unggul

**Widarto Rachbini<sup>4</sup>**

Universitas Pancasila

<http://orcid.org/0000-0003-3702-5116>

## Abstract

Pedagogic competency models need to be a fundamental focus in developing the capacity and capability of teachers and elementary school organizations in DKI Jakarta Province. This is a strategic key to overcome the low pedagogic competence and quality of learning interactions. The research objective is to study the development of a pedagogic competency model that focuses on teacher initial characteristics, involvement with organizations and competency development strategies. Data processing techniques using SMART PLS. The research sample was 20 teachers in public elementary schools in West Jakarta Municipality, DKI Jakarta Province. The data collection technique used a Likert scale questionnaire instrument. The results of the study: (1) The pedagogic competence model can be formed significantly from the dimensions of the initial characteristics of the teacher, involvement with the organization and competency development strategies, (2) The initial characteristics of the teacher have an effect on involvement with the organization, (3) (the initial characteristics of the teacher have an effect on the model development strategy). competence, (4) involvement with organizations influences development strategies, (5) competency model development strategies affect pedagogic competence, and (6) the most dominant variable forming a pedagogic competency model is the initial characteristics of teachers which form the basis for the formation of fan competency model development strategies. engagement with the organization.

## Keywords

Pedagogic Competency Model, Teacher Initial Characteristics, Involvement with Organizations, Competency Development Strategies

**To cite this article:** Susanto, R, Agustina, N, Azmi, Y, and Rachbini, W (2021) Pedagogic Competency Model: Development from The Point of View of The Initial Characteristics of Teachers, Involvement with Organizations and Competency Development Strategies. *Review of International Geographical Education (RIGEO)*, 11(8), 826-841. doi: 10.48047/rigeo.11.08.72

**Submitted:** 20-10-2020 • **Revised:** 15-12-2020 • **Accepted:** 25-03-2021

## Introduction

The fundamental problem of teacher competence lies in the low pedagogical competence (Berchini, 2017; Budhayanti, 2012; Dotger, 2015; Fitrianiingsih, 2016; Graham, 2016; Ibarra-Sáiz, Rodríguez-Gómez, & Boud, 2020; Kartini, Kristiawan, Fitria, & Technologies, 2020; Lumbantobing, Linguistics, & Journal, 2020; Resnawati, Kristiawan, Sari, & Technologies, 2020; Staton-Spicer & Marty-White, 1981; Zulfadewina, Nurmawati, & Meilana, 2018) So the solution to developing a pedagogic competency model needs to start with self-values and bring up a strong and synergistic spirituality of the profession (Carless & Winstone, 2020; Hutagaol, Saragih, Siagian, & Journal, 2020; Imron et al., 2020; Nikoçeviq-Kurfi & Saqipi, 2020; R. Susanto, Rachmadtullah, Rachbini, & Studies, 2020; Z. Ullah, Ahmad, & Naheed). The strategic key to developing a pedagogic competency model needs to be developed in totality with 3 dimensions covering the initial characteristics of the teacher, the dimensions of engagement with the organization and the dimensions of the pedagogic competency development strategy. (Sutirna, 2020).

The dimensions of the initial characteristics include the values that come from individuals which include the problems of professional spirituality, teacher self-potential, learning actions carried out by teachers and self-maps. (R. J. J. o. E. R. Susanto & Evaluation, 2019). In the dimension of engagement with the organization, it emphasizes the importance of individuals as part of the community of an organization which is marked by the level of individual understanding in understanding the organization's vision, individual understanding of the key work that is the foundation for achieving the organizational vision and how the map of the contribution of each individual in the organization. (Li & Cao, 2020). The relationship between individuals and organizations is a factor that integrates the professional commitment of teachers in increasing the capacity and capacity of individuals and organizations alike (Ford, Van Sickle, Clark, Fazio-Brunson, & Schween, 2017; Hasanati, 2017; Lumbantobing et al., 2020). When individuals are united in self-commitment with organizational commitment, it will foster professional behavior and professional leadership. (Carless & Winstone, 2020; Hutagaol et al., 2020; Imron et al., 2020; Nikoçeviq-Kurfi & Saqipi, 2020; R. J. J. I. P. d. P. Susanto, 2020; Z. Ullah et al.).

Through professional leadership that reflects the totality of self and organization, a competency development strategy is needed that includes the ability for pedagogic knowledge development strategies, reflective ability development strategies, emotional intelligence development strategies and instructional communication pattern development strategies (Absari, Priyanto, & Muslikhin, 2020; Hutagaol et al., 2020; McLeod, Vaughan, Carey, Shannon, & Winn, 2020; Nind, 2020; Sofyani & Susanto, 2019; R. Susanto, H. Syofyan, & R. J. r. n. Rachmadtullah, 2020b). Efforts to develop competency strategies cannot be separated from how leadership leadership and teacher self-leadership as followers in sticking out various strategic ways so as to create a model for the formation of a pedagogic competency profile that meets the indicators of the teacher's ability to identify student characteristics, the ability to provide opportunities for students to participate actively, the ability to organize the class by paying attention to the various characteristics of students, the ability of the teacher to understand the causes of learning deviant behavior, the ability to develop the potential and overcome the shortcomings of students and how the teacher is able to treat students with humanistic actions so that they humanize humans. (Barri & Studies, 2020; Guzmán, Muschard, Gerolamo, Kohl, & Rozenfeld, 2020; Ibarra-Sáiz et al., 2020; Lumbantobing et al., 2020; Murkatik, Harapan, Wardiah, & Education, 2020; Singh, Dhaliwal, & Singh, 2020; R. J. J. I. Susanto, 2018)

## The Literature review

### Pedagogic Competency Model

The Pedagogic Competency Model uses 2 kinds of approaches, namely Teacher Oriented and Student Oriented. (Barri & Studies, 2020; Borge, Toprani, Yan, & Xia, 2020; Hoffman & Clifton, 2020). Through the Student Oriented approach, the dominant role of the teacher is aimed at achieving pedagogic competence in one direction which leads to one's ability to have pedagogic knowledge, reflective abilities, emotional intelligence and instructional communication patterns. (R. Susanto et al., 2018) Achievement of the level of pedagogic competence in teachers will be

largely determined by how able the teacher is to improve competence. (Muzaki & Anggraeni, 2020) Meanwhile, the student-oriented approach is an approach that teachers take after having pedagogic competence and focusing on the impact on student learning behavior. (Hoffman & Clifton, 2020). The student-oriented approach means involving active participant of students as a response to the stimulants of the teacher's pedagogical competence that can be seen, observed and measured through independent individual behavior interactions and touching aspects of student interaction in groups (cooperative). (A. Ullah & Atta, 2020). Other aspects include how self-confidence is formed, respect for others, the process of receiving and forming knowledge in groups. (Ibarra-Sáiz et al., 2020). On the other hand, there is also a desire to share knowledge and the ability to work together and solve problems in teams. (Borge et al., 2020; Butt & Ahmad, 2020). Learning emphasizes the experience and knowledge that is already owned to broaden horizons or paradigms, manage differences and express ideas, ideas or opinions in the group (collaborative). In the formation of pedagogical competence, the teacher needs to strive for conditioning of active students in the learning process activities with initiative and responsibility (active - self directed). (Ibarra-Sáiz et al., 2020; Resnawati et al., 2020; A. Ullah & Atta, 2020; Usanov, 2020).

The pedagogic competency model will focus on the profile of teachers who are able to manage learning by paying attention to the characteristics of students, children can be active in learning experiences, conducive classroom management, mapping of learning behavior deviations, including maps of strengths and weaknesses and how students are treated humanely in an attitude, words, and teacher behavior. So the pedagogic competence improvement strategy needs to be done with various efforts, including increasing free time with students, identifying students, finding out their strengths and weaknesses, giving students self-management opportunities, paying attention, creating a good atmosphere from the start, not demanding and compelling, willing to recognize and accept limitations, give equality to children in positive learning behavior .. (Barri & Studies, 2020; Jha; Li & Cao, 2020; Zulfadewina et al., 2018).

## Teacher Initial Characteristics

Identifying the initial characteristics of teachers is a fundamental ability that every teacher must have in order to carry out self-development in the profession optimally and effectively. Through the ability to identify these initial characteristics, the teacher can understand the self-map that includes self-spirituality, self-potential, learning performance so that it can foster the stimulation needed to develop basic and technical abilities for roles and duties (Ratnawati Susanto, Rozali, Mujazi, Rosyid, & Journal, 2020; Stambaugh & Nichols, 2020). The first and foremost thing in the initial characteristics is how the teacher understands the spirituality characteristics of the profession. Professional spirituality is the level that shows how teachers interpret the value of work in themselves. (Ratnawati Susanto et al., 2020; R. Susanto, Rozali, & Agustina, 2020). This interpretation is an empowerment of internal psychological conditions that can foster a friendly work atmosphere, spirituality for the work itself and individual welfare in creating organizational behavior in relation to job satisfaction and performance. (Assunção Flores & Gago, 2020; Barros; Muzaki & Anggraeni, 2020; R. Susanto, Syofyan, et al., 2020b). Cultivating self spirituality can depart from oneself but also needs to be created (Barros; Dotger, 2015; Sabirova, Yergaliev, Maulet, Gabdiyev, & Takezhanova, 2020)

The second initial characteristic relates to the potential as an action learning ability, to grow and develop in self-development activities in the literacy of knowledge, pedagogical and technological content. (Stinchcomb, 2020; Ybyrainzhanov et al., 2020). Kakraiteristic potential has an important role. for individuals in carrying out their job roles and functions and differentiating from one another in the level of professional professional development (Asplund, 2020; Bhayangkara et al., 2020; Colomer, Serra, Cañabate, & Bubnys, 2020; Guillén-Gámez, Mayorga-Fernández, Bravo-Agapito, Escribano-Ortiz, & Learning, 2021; Stinchcomb, 2020). The third initial characteristic is the action of learning or learning performance which shows the level of the teacher's ability to manage changes in student learning behavior. (Assunção Flores & Gago, 2020; Imron et al., 2020; R. Susanto, H. Syofyan, & R. J. I. Rachmadtullah, 2020a; R. J. J. o. E. R. Susanto & Evaluation, 2019). The learning action shows the teacher's ability, leadership style and teaching style in managing learning and the level of behavior change of students from the cognitive, psychomotor and affective domains as a result of learning. (Imron et al., 2020; R. Susanto, Rozali, & Agustina, 2019; R. Susanto, Rozali, et al., 2020; R. Susanto, Syofyan, et al., 2020a; R. J. J. o. E. R. Susanto & Evaluation, 2019). The fourth initial characteristic is the position of teachers as individuals

in organizations that show meetings for potential and learning actions or learning performance using a self-potential map (Talent Search Matrix) (R. Susanto, Agustina, Rozali, & Private Primary Schools in West Jakarta Municipality, 2021). The ability of teachers to understand the map of self-potential and use it for professional development is a must-have ability for prospective teachers and teachers as a personal ability, teacher literacy, as well as a map of strengths and weaknesses for professional development (Burgos & Godino, 2020; Gross, Fitts, Goodson-Espy, & Clark, 2010; Guillén-Gámez et al., 2021; Guzmán et al., 2020; Resnawati et al., 2020).

## Involvement with Organizations

Membangun sebuah model kompetensi adalah mencerminkan bagaimana membangun sebuah lingkungan kerja yang sehat dan kondusif dengan mengintegrasikan peran dan keterlibatan dari individu-individu sebagai sumber daya manusia. (Hatta, Rachbini, Riskarini, & Mandagie, 2018; Maulana, Musthafa, & Hayati, 2020; Rachbini, Anggraeni, & Febrina, 2020) Hal tersebut tidak terlepas dari bagaimana pengaruh kepemimpinan pemimpin dan diri. (Pranitasari, 2020). Keterlibatan individu dalam organisasi dapat berada pada tingkat yang rendah, cukup ataupun kurang dapat tercermin dari kemampuan dan pemahamannya terhadap organisasi, baik pemahaman terhadap visi misi, pekerjaan kunci dan bagaimana kontribusinya terhadap organisasi. (Ali, Ali, Grigore, Molesworth, & Jin, 2020; Bhatnagar, 2020; Bustamam, Choh, Shaari, & Muda, 2020; Fitria, Suminah, & Education, 2020; Hamdan, El Talla, Al Shobaki, & Abu-Naser, 2020; Hartinah et al., 2020; Hasanati, 2017; Li & Cao, 2020; Naz et al., 2020; Pranitasari, 2020; Soomro, Shah, Memon, & Continuity, 2020) Keterlibatan dalam organisasi memiliki pengaruh yang signifikan dalam model pengembangan berbasis kompetensi. (Ali et al., 2020)

## Involvement with Organizations

Building a competency model is reflecting how to build a healthy and conducive work environment by integrating the roles and involvement of individuals as human resources . (Hatta et al., 2018; Maulana et al., 2020; Rachbini et al., 2020; Resnawati et al., 2020). This cannot be separated from the influence of leadership and self-leadership. (Pranitasari, 2020). The involvement of individuals in organizations can be at a low level, sufficient or insufficient can be reflected in their ability and understanding of the organization, both understanding of the vision and mission, key work and how they contribute to the organization (Ali et al., 2020; Bhatnagar, 2020; Bustamam et al., 2020; Fitria et al., 2020; Hamdan et al., 2020; Hartinah et al., 2020; Holland, 2021; Hui et al., 2020; Li & Cao, 2020; Naz et al., 2020; Pranitasari, 2020; Prasetyanto, Darmawan, & Nugroho, 2021; Soomro et al., 2020). Involvement in organizations has a significant influence in competency-based development models. (Ali et al., 2020).

## Competency Development Strategies

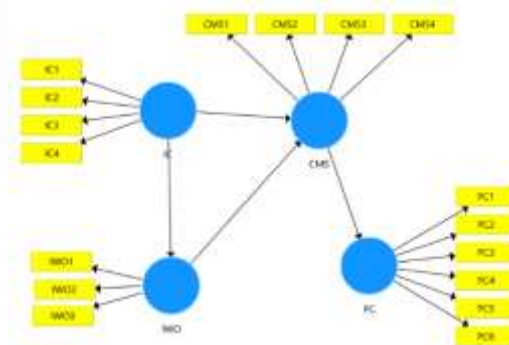
Competency development strategies need to be based as a model based on taxonomic criteria with constructive principles and learning by doing principles. (Kartini et al., 2020; Nind, 2020). The strategies built include: strategies for building competency. (Nainggolan, Suratno, Rachbini, & Perpajakan, 2019). The basic competencies of the teaching profession include pedagogic knowledge, strategies for building reflective competence skills, strategies for building emotional intelligence, strategies for building instructional communication patterns and strategies for building pedagogic competencies itself that embody how teachers have leadership competencies in their roles and functions in the classroom. (Absari et al., 2020). The ability of teachers to develop strategies can be seen from their ability to innovate and this is a measure of the success of educational learning outcomes. (Mpofu & Maphalala, 2020; Townsend-Nicholson, 2020).

Strategies to increase pedagogic knowledge can be done by getting to know the stages of development of students, mastering learning theories and principles, reading books, conducting dialogue through scientific discussion forums. Participating in teacher working groups / Subject Teacher Deliberation (MGMP) or attending training (Absari et al., 2020; McLeod et al., 2020; R. Susanto et al., 2018; Townsend-Nicholson, 2020). Strategies for enhancing reflective abilities can be carried out by developing using basic questions, carrying out the listening process, harmonizing

perspectives and views, thinking backwards, developing foresight, developing reasoning skills, developing details, learning to identify problems, doing check checks, association relationships. on grades, encouraging students' ability to tell stories, use stories to reflect, appreciate the work of themselves and others. (Ahmadi & Yanuarti, 2020; Colomer et al., 2020; Karnieli-Miller & counseling, 2020; Kartini et al., 2020; McGuire & Lay, 2020; McLeod et al., 2020; Moses & Research, 2020; R. Susanto et al., 2019; R. Susanto, Syofyan, et al., 2020b; R. J. J. I. P. d. P. Susanto, 2020; Syamsuddin, Juniati, & Siswono, 2020; Toraman, Orakci, & Aktan, 2020). On the other hand, competency development strategies also need to focus on emotional intelligence abilities. (Richards, 2020). Meanwhile, the strategies for increasing emotional intelligence are: expressing structured emotions, introspection, understanding body language, opening minds. Practicing silence, developing tolerance, appreciating actions that have been taken, developing sensitivity, not comparing, practicing complex problem solving with complex alternatives and various parties, practicing dialogue, practicing compromise, playing reverse roles, conducting home visit activities for empathy and caring, (Galloway, Reynolds, & Williamson, 2020; Jimenez & Psychology, 2020; Osborne, 2020; Richards, 2020). Meanwhile, the development of instructional communication patterns that support a significant competency profile needs to be done through efforts to limit the use of words that are not many but focused, changing new, more positive words, using expressions or code switching, using gestures or mimics, using common words. , improve non-verbal communication, improve body language and verbal interactions, develop individual and group communication, provide feedback, practice clear and focused delivery, use pictures, avoid complicated vocabulary and sentences that contain sentences, listen to voices, listen to our own voices first, give a smile, create a role model, learn to ask for suggestions and input, learn to organize complete messages, organize weighty content, raise "clever" open-ended questions, do not lie to message content, involve interlocutors and use our words (Holland, 2021; Hutagaol et al., 2020; Jabri, Elihami, & Ibrahim, 2019; Maulana et al., 2020; Mpofu & Maphalala, 2020; Nikoçeviq-Kurfi & Saqipi, 2020; Townsend-Nicholson, 2020; Wissinger, De La Paz, & Jackson, 2021).

## Methodology

This study aims to study and develop a pedagogic competency model from the point of view of the Initial Characteristics of the Teacher and its relation to organizational involvement and competency development strategies. This research is a quantitative study with one group pretest - post test and data collection using a Likert scale. Data analysis techniques using Smart PLS. The population and research samples were teachers at SDN Duri Kepa 05, West Jakarta, DKI Jakarta Province with a sample size of 20 teachers. The research design is as follows:



**Figure 1.** Research Constellation Model

Keterangan:

IC = Teacher Initial Characteristics

IC1 = Professional spirituality

IC2 = Potency

IC3 = Action of learning

IC4 = Self map / TSM

IWO = Involvement with Organization

IWO1 = Understanding the vision of the organization

IWO2 = Understanding of key work

IWO3 = Contribution Map

CMS = Competency Development Strategies

CMS1 = Pedagogic knowledge development strategy

CMS2 = Reflective ability development strategy

CMS3 = Emotional intelligence development strategy

CMS4 = Instructional communication pattern development strategy

PC = Pedagogical Competency

PC1 = Ability to identify students' learning characteristics

PC2 = Ability to provide opportunities for students to actively participate

PC3 = Ability to organize classes with the characteristics of different

PC4 = Ability to know the causes of learning behavior deviations

PC5 = Ability to develop potential and overcome the shortcomings of students

PC6 = Ability to treat humanist actions on students

The research questions are:

1. Can a pedagogical competency model be formed from the variable dimensions of teacher initial characteristics, engagement with organizations and competency development strategies?
2. Do the initial characteristics of the teacher influence engagement with the organization?
3. Do the initial characteristics of the teacher influence the competency model development strategy?
4. Does engagement with the organization affect the organizational development strategy?
5. Does the competency model development strategy affect pedagogic competence?
6. Which factors are dominant in influencing the pedagogic competency model.

## The Results and Discussion

From the Outer Loadings results obtained data:

**Table 1.**  
**Outer Loadings**

	CMS	IC	IWO	PC
CMS1	0.833			
CMS2	0.770			
CMS3	0.824			
CMS4	0.930			
IC1		0.866		
IC2		0.948		
IC3		0.722		
IC4		0.746		
IWO1			0.919	
IWO2			0.902	
IWO3			0.907	
PC1				0.733
PC2				0.789
PC3				0.601
PC4				0.732
PC5				0.894
PC6				0.852

### Dimensions Forming pedagogic competency models

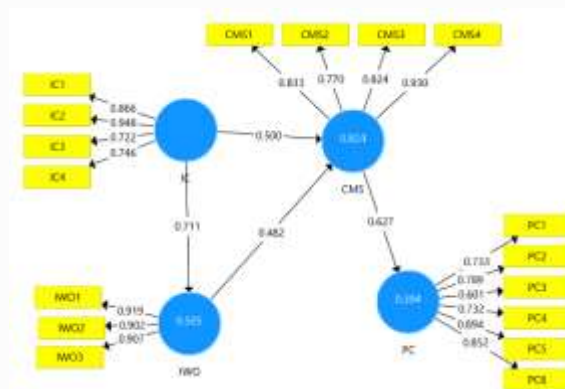
In the table above, all indicators have a loading factor of > 0.70, meaning that all indicators are valid indicators to measure their constructs. The construct reliability and validity model for assessing the outer model are The reliability and validity model constructs for assessing the outer model are:

**Table 2.**  
Construct Reliability and Validity

	<b>Cronbach's Alpha</b>	<b>rho_A</b>	<b>Composite Reliability</b>	<b>Average Variance Extracted (AVE)</b>
CM S	0.863	0.892	0.906	0.708
IC	0.843	0.896	0.894	0.682
IWO	0.896	0.902	0.935	0.827
PC	0.861	0.878	0.897	0.597

In the table above, Cronbachs Alpha for each construct is > 0.70, the composite reliability of each construct is > 0.70 and Average Variance Extracted (AVE) for each construct is > 0.50, meaning that all constructs are reliable.

Then the redesign of the research constellation model is as follows:



**Figure 2.** Redesign of the Research Constellation Model Relations Between Dimensional constructs.

**Table 3.**  
Path Coefficients Mean, STDEV, T-Values, P-Values

	<b>Original Sample (O)</b>	<b>Sample Mean (M)</b>	<b>Standard Deviation (STDEV)</b>	<b>T Statistics ( O/STDEV )</b>	<b>P Values</b>
CMS -> PC	0.627	0.659	0.193	3.250	0.001
IC -> CMS	0.500	0.577	0.221	2.261	0.024
IWO -> CMS	0.711	0.746	0.112	6.351	0.000
IWO -> PC	0.482	0.390	0.239	2.014	0.045

**Testing Between Variables**

From the table above, it can be seen that the test between the independent variable is partial to the dependent variable as follows, by taking into account:

#### Basis for Decision Making

If the probability (prob value)  $> 0.05$  or  $- t \text{ table} < t \text{ count} < t \text{ table}$  then  $H_0$  is not rejected

If the probability (prob value)  $< 0.05$  or  $t \text{ count} < - t \text{ table}$  or  $t \text{ count} > t \text{ table}$  then  $H_0$  is rejected

( $t \text{ table}$  for  $\alpha = 0.05$  is 1.96 and  $t \text{ table}$  for  $\alpha = 0.10$  is 1.65)

### **The Effect of Initial Teacher Characteristics (IC) on Engagement with Organizations (IWO).**

#### **Hypothesis:**

$H_0$ : the IC variable has no significant effect on the IWO variable

$H_1$ : the IC variable has a significant effect on the IWO variable

#### **Decision:**

In the table above the value of  $t \text{ stat} = 6.351 > 1.96$  so that  $H_0$  is rejected, and  $H_1$  is accepted, which means that the IC variable has a positive and significant effect on the IWO variable. The higher the Initial Characteristics of the Teacher (IC), the higher the Engagement with Organizations (IWO). Likewise, vice versa

### **The effect of the initial characteristics of the teacher (IC) on the strategy for developing a competency model (CMS).**

#### **Hypothesis:**

$H_0$ : the IC variable has no significant effect on the CMS variable

$H_1$ : the IC variable has a significant effect on the CMS variable

#### **Decision:**

In the table above the value of  $t \text{ stat} = 2.261 > 1.96$  so that  $H_0$  is rejected, and  $H_1$  is accepted, which means that the IC variable has a positive and significant effect on the CMS variable. The higher the Initial Characteristics of the Teacher (IC), the higher the Competency Model Development Strategy (CMS). Likewise, vice versa.

### **The Influence of Involvement with Organizations (IWO) on the strategy for developing a competency model (CMS).**

#### **Hypothesis:**

$H_0$ : the IWO variable has no significant effect on the CMS variable

$H_1$ : the IWO variable has a significant effect on the CMS variable

#### **Decision:**

In the table above, the value of  $t \text{ stat} = 2.014 > 1.96$  so that  $H_0$  is rejected, and  $H_1$  is accepted, which means that the IWO variable has a positive and significant effect on the CMS variable. The higher the Engagement with the Organization (IWO), the higher the Competency Model Development Strategy (CMS). Likewise, vice versa.

### **The influence of the strategy for developing a competency model (CMS). against Pedagogic Competence (PC).**

#### **Hypothesis:**

$H_0$ : the CMS variable has no significant effect on the PC variable

$H_1$ : the CMS variable has a significant effect on the PC variable.



**Decision:**

In the table above, the value of  $t$  stat = 3,250 > 1.96 so that  $H_0$  is rejected, and  $H_1$  is accepted, which means that the CMS variable has a positive and significant effect on the PC variable. The higher the competency model development strategy (CMS), the higher the Pedagogic Competence (PC). Likewise, vice versa.

Based on data analysis on the research question, a structural equation of the research model can be formed, namely:

$$PC = 0.627 * CMS + e$$

$$IWO = 0.711 * IC + e$$

$$CMS = 0.500 * IC + 0.482 * IWO + e$$

The Magnitude of Influence Between Variables

To show how much influence the variables that affect the affected variables, the following calculation of the inter-variable determinant coefficient is carried out:

**Table 4.**

Determinant Coefficient R Square

R Square	R Square Adjusted
0.824	0.803
0.505	0.478
0.394	0.360

The coefficient of determination (R square adjusted) is used

Based on the table above, the R value of the square Adjusted structural equation:

a.  $PC = 0.627 * CMS + e$

$PC = 0.627 * CMS + e$  from the table above 0.360 shows that 36.0% of PC variance can be explained by changes in the CMS variable, while the other 64.0% is caused by other factors outside the model.

b.  $IWO = 0.711 * IC + e$

The value of R square Adjusted IWO equation =  $0.711 * IC + e$  from the table above 0.478 shows that 47.8% of the IWO variance can be explained by changes in IC variables, while the other 52.2% is caused by other factors outside the model.

c.  $CMS = 0.500 * IC + 0.482 * IWO + e$

The value of R square Adjusted CMS equation =  $0.500 * IC + 0.482 * IWO + e$  from the table above 0.803 indicates that 80.3% of the CMS variance can be explained by changes in IC and IWO variables, while the other 19.7% is caused by other factors outside the model

**Which factors are dominant in influencing the pedagogic competency model?**

Path analysis and the dominance of variable indicators can be explained in the following table:

**Table 5.**

Path Coefficients

	CMS	IC	IWO	PC
CMS				0.627
IC	0.500		0.711	
IWO	0.482			
PC				

From table 5, it can be explained that the path coefficient on: (1) The initial characteristics of the teacher towards the strategy of engagement with the organization are 0.711; (2) the initial characteristics of the teacher to the competency model development strategy of 0.500; (3) involvement with the organization on the model development strategy amounted to 0.482; (4) the competency model development strategy for pedagogic competence is 0.627.

**Table 6.**  
Indirect Effects

	CMS	IC	IWO	PC
CMS				
IC	0.342			0.528
IWO				0.302
PC				

From table 6, it can be explained that the indirect effect on: (1) the initial characteristics of the teacher to the competency model development strategy is 0.342; (2) the initial characteristics of the teacher to pedagogical competence amounted to 0.526; (3) involvement with the organization to pedagogic competence is 0.302.

**Table 7.**  
Specific Indirect Effects

	Specific Indirect Effects
IC -> IWO -> CMS	0.342
IC -> CMS -> PC	0.314
IWO -> CMS -> PC	0.302
IC -> IWO -> CMS -> PC	0.215

From table 7, it can be explained that the indirect effect on: (1) the initial characteristics of the teacher to the strategy for developing a competency model through engagement with the organization is 0.342; (2) the initial characteristics of the teacher to pedagogic competence through the strategy of developing a competency model is 0.314; (3) involvement with the organization to pedagogical competence through a competency model development strategy is 0.302; (4) the initial characteristics of teachers to pedagogic competence through organizational involvement and competency model development strategies amounted to 0.215.

**Table 8.**  
Total Effects

	CMS	IC	IWO	PC
CMS				0.627
IC	0.842		0.711	0.528
IWO	0.482			0.302
PC				

From table 5, the findings regarding the most dominant factors in the formation of pedagogic competences are: (1) The initial characteristics of the teacher towards the competency model development strategy (0.842); (2) the characteristics of the teacher's initial involvement with the organization (0.711); (3) competency model development strategy towards pedagogic competence (0,627); (4) teachers' initial characteristics of pedagogic competence (0.528); (5) involvement with the organization on the competency model development strategy (0.482); and (6) engagement with the organization on pedagogic competence (0.302).

## Conclusion

The results show that the dimensions of initial characteristics, engagement with the organization

and the pedagogic competency model development strategy are necessary and fundamental points of view for the pedagogic competency model. As a whole, this model develops the totality of the dimensions of the self, the organizational dimension and the combined dimensions of self-leadership and leadership in generating strategies as a way to develop basic pedagogical competences through increasing knowledge, reflective abilities, emotional intelligence and instructional communication patterns to form pedagogic competences. This pedagogic competency model is a strategic key for the formation of a pedagogic competency profile, through the formation of self-dimensional values in the form of initial characteristics of teachers that optimize professional spirituality, shrinking self-potential, developing effectiveness of action / learning performance and sharpening the superior position of self-maps. The formation of the initial characteristics of the teacher becomes the basic step that gives birth to the ability to develop a competency model strategy and foster engagement with the organization, including understanding the organization's vision, individual understanding of the key work that is the foundation for achieving the organizational vision and the ability to contribute to the organization.

## Acknowledgement

Thank you to the Ministry of Research and Technology of the Directorate of Higher Education for funding this research through the Higher Education Applied Research Scheme (PTUPT) in the 2021 Budget Year. Thank you to the Chancellor, Vice Chancellors and Research and Community Service Institution (LPPM) Universitas Esa Unggul, Jakarta, Indonesia

## References

- Absari, N., Priyanto, P., & Muslikhin, M. J. J. P. T. d. K. (2020). The effectiveness of Technology, Pedagogy and Content Knowledge (TPACK) in learning. *Jurnal Pendidikan Teknologi Dan Kejuruan*, 26(1), 43-51. doi:<https://doi.org/10.21831/jptk.v26i1.24012>
- Ahmadi, D., & Yanuarti, E. (2020). *Reflective writing: Students' diaries to improve the teaching and learning process*. Paper presented at the 2nd Social and Humaniora Research Symposium (SoRes 2019).
- Ali, I., Ali, M., Grigore, G., Molesworth, M., & Jin, Z. J. J. o. B. R. (2020). The moderating role of corporate reputation and employee-company identification on the work-related outcomes of job insecurity resulting from workforce localization policies. *Jurnal Pendidikan Teknologi Dan Kejuruan*, 117, 825-838. doi:<https://doi.org/10.1016/j.jbusres.2019.02.060>
- Asplund, K. J. T. I. J. o. H. R. M. (2020). When profession trumps potential: The moderating role of professional identification in employees' reactions to talent management. *International Journal of Human Resource Management*, 31(4), 539-561. doi:<https://doi.org/10.1080/09585192.2019.1570307>
- Assunção Flores, M., & Gago, M. J. J. o. E. f. T. (2020). Teacher education in times of COVID-19 pandemic in Portugal: national, institutional and pedagogical responses. *Journal of Education for Teaching*, 46(4), 507-516. doi:<https://doi.org/10.1080/02607476.2020.1799709>
- Barri, M. A. J. J. o. E., & Studies, T. (2020). Evaluation of Physical Aspects of Classroom Environment in Terms of the Humanistic Approach: A Comprehensive Theoretical Framework. *Journal of Education and Training Studies*, 8(11). doi:<https://doi.org/10.11114/jets.v8i11.4974>
- Barros, P. S. Education, citizenship and spirituality: a daily experience at classroom1. *Living Values Education Program*.
- Berchini, C. N. J. J. o. T. E. (2017). Critiquing un/critical pedagogies to move toward a pedagogy of responsibility in teacher education. *Journal of Teacher Education*, 68(5), 463-475. doi:<https://doi.org/10.1177/0022487117702572>
- Bhatnagar, V. R. J. M. R. R. (2020). Conceptualizing employee strengths at work and scale development. *Management Research Review*. doi:<https://doi.org/10.1108/MRR-08-2019-0367>
- Bhayangkara, A. N., Ahmadi, W. H., Firdaus, D. B., Prestiadi, D., Sumarsono, R. B. J. n. E. C., & Education, P. C. (2020). The Role of Instructional Leadership Through Kurt Lewin Model in Improving the Teacher Capability. *Advances in Social Science, Education and Humanities Research*, 307-317. doi:<https://doi.org/10.2991/assehr.k.201112.054>

- Borge, M., Toprani, D., Yan, S., & Xia, Y. J. C. S. E. (2020). Embedded design: engaging students as active participants in the learning of human-centered design practices. *Computer Science Education*, 30(1), 47-71.
- Budhayanti, C. I. S. J. J. P. (2012). Gambaran kompetensi guru kelas SD di Jakarta dan Tangerang. *Jurnal Perkotaan*, 4(1).
- Burgos, M., & Godino, J. D. J. M. E. R. J. (2020). Prospective primary school teachers' competence for analysing the difficulties in solving proportionality problem. *Mathematics Education Research Journal*, 1-23. doi:<https://doi.org/10.1007/s13394-020-00344-9>
- Bustamam, N. M., Choh, N. F. C., Shaari, J., & Muda, R. J. S. (2020). FACTORS AFFECTING THE PERFORMANCE OF EMPLOYEE IN WORKPLACE. *International Journal of Modern Trends in Social Sciences*, 3(11), 69-79. doi:<https://doi.org/10.35631/IJMTSS.311005>
- Butt, A. S., & Ahmad, A. B. J. M. D. (2020). Strategies to mitigate knowledge hiding behavior: building theories from multiple case studies. *Management Decision*. doi:<https://doi.org/10.1108/MD-01-2020-0038>
- Carless, D., & Winstone, N. J. T. i. H. E. (2020). Teacher feedback literacy and its interplay with student feedback literacy. *Sustainability (Switzerland)*, 1-14. doi:<https://doi.org/10.1080/13562517.2020.1782372>
- Colomer, J., Serra, T., Cañabate, D., & Bubnys, R. (2020). Reflective learning in higher education: Active methodologies for transformative practices. In: Multidisciplinary Digital Publishing Institute.
- Dotger, B. H. J. J. o. T. E. (2015). Core pedagogy: Individual uncertainty, shared practice, formative ethos. *Journal of Teacher Education*, 66(3), 215-226. doi:<https://doi.org/10.1177/0022487115570093>
- Fitria, H., Suminah, S. J. J. o. S. W., & Education, S. (2020). Role of Teachers in Digital Instructional Era. *Journal of Social Work and Science Education*, 1(1), 70-77. doi:<https://doi.org/10.52690/jswse.v1i1.11>
- Fitrianiingsih, S. (2016). Faktor-Faktor Penyebab Tindakan Kekerasan Terhadap Perempuan Dalam Rumah Tangga (Studi Kasus Di Kota Bandar Lampung).
- Ford, T. G., Van Sickle, M. E., Clark, L. V., Fazio-Brunson, M., & Schween, D. C. J. E. P. (2017). Teacher self-efficacy, professional commitment, and high-stakes teacher evaluation policy in Louisiana. 31(2), 202-248. doi:<https://doi.org/10.1177/0895904815586855>
- Galloway, R., Reynolds, B., & Williamson, J. J. J. o. P. R. (2020). Strengths-Based Teaching and Learning Approaches for Children: Perceptions and Practices. *Journal of Pedagogical Sociology and Psychology*, 4(1), 31-45. doi:<https://doi.org/10.33902/jpr.2020058178>
- Graham, E. (2016). What Patterns of Teacher-Student Verbal Communication Exist In My Classroom? *Dlib.Indiana.Edu*.
- Gross, L. A., Fitts, S., Goodson-Espy, T., & Clark, A.-M. J. A. J. o. T. E. (2010). Self as teacher: Preliminary role identification of the potential teaching candidate. *Australian Journal of Teacher Education*, 35(2), 1-19. doi:<https://doi.org/10.14221/ajte.2010v35n2.1>
- Guillén-Gámez, F. D., Mayorga-Fernández, M., Bravo-Agapito, J., Escribano-Ortiz, D. J. T., Knowledge, & Learning. (2021). Analysis of teachers' pedagogical digital competence: Identification of factors predicting their acquisition. *Technology, Knowledge and Learning*, 26(3), 481-498. doi:<https://doi.org/10.1007/s10758-019-09432-7>
- Guzmán, V. E., Muschard, B., Gerolamo, M., Kohl, H., & Rozenfeld, H. J. P. M. (2020). Characteristics and Skills of Leadership in the Context of Industry 4.0. *Procedia Manufacturing*, 43, 543-550. doi:<https://doi.org/10.1016/j.promfg.2020.02.167>
- Hamdan, M. K., El Talla, S. A., Al Shobaki, M. J., & Abu-Naser, S. S. (2020). Clarity of Vision and Its Relationship to the Creative Behavior of NGOs.
- Hartinah, S., Suharso, P., Umam, R., Syazali, M., Lestari, B., Roslina, R., & Jermstittiparsert, K. J. M. S. L. (2020). Retracted: Teacher's performance management: The role of principal's leadership, work environment and motivation in Tegal City, Indonesia. *Management Science Letters*, 10(1), 235-246. doi:<https://doi.org/10.5267/j.msl.2019.7.038>
- Hasanati, N. J. A. J. M. P. U. (2017). Pengaruh Kompetensi terhadap Komitmen Profesi pada Dosen. 9(1), 36-51.
- Hatta, I. H., Rachbini, W., Riskarini, D., & Mandagie, Y. R. O. J. J. M. (2018). OCB Analysis, Transformational Leadership Style, Work Ethic, Work Satisfaction, And Good Governance. *Jurnal Manajemen*, 22(3), 395-408. doi:<https://doi.org/10.24912/jm.v22i3.429>
- Hoffman, K. D., & Clifton, A. (2020). *Open Pedagogy Approaches: Faculty, Library, and Student Collaborations*: Milne Library Publishing.

- Holland, A. L. J. A. (2021). The value of "communication strategies" in the treatment of aphasia. *Aphasiology*, 35(7), 984-994. doi:<https://doi.org/10.1080/02687038.2020.1752908>
- Hui, L., Qun, W., Nazir, S., Mengyu, Z., Asadullah, M. A., & Khadim, S. J. E. J. o. I. M. (2020). Organizational identification perceptions and millennials' creativity: testing the mediating role of work engagement and the moderating role of work values. *European Journal of Innovation Management*. doi:<https://doi.org/10.1108/EJIM-04-2020-0165>
- Hutagaol, R., Saragih, A. H., Siagian, S. J. B. I. o. L. A., & Journal, E. (2020). The Effect of Participative Learning Strategy and Interpersonal Communication on Results of Civic Learning Education. *Britain International of Linguistics Arts and Education (BioLAE) Journal*, 2(2), 515-524. doi:<https://doi.org/10.33258/biolae.v2i2.263>
- Ibarra-Sáiz, M. S., Rodríguez-Gómez, G., & Boud, D. J. H. E. (2020). Developing student competence through peer assessment: the role of feedback, self-regulation and evaluative judgement. *Higher Education*, 1-20. doi:<https://doi.org/10.1007/s10734-019-00469-2>
- Imron, A., Wiyono, B. B., Hadi, S., Gunawan, I., Abbas, A., Saputra, B. R., & Perdana, D. B. (2020). *Teacher Professional Development to Increase Teacher Commitment in the Era of the Asean Economic Community*. Paper presented at the 2nd Early Childhood and Primary Childhood Education (ECPE 2020).
- Jabri, U., Elihami, E., & Ibrahim, I. J. J. E. N. (2019). The effects of approach instruction on student's reading performance. 1(1), 72-80.
- Jha, P. R. Humanistic Curriculum: Characteristics, purpose, role of teacher, Psychological basis of humanistic curriculum.
- Jimenez, E. J. J. o. P. S., & Psychology. (2020). Emotional quotient, work attitude and teaching performance of secondary school teachers. *Journal of Pedagogical Research*. doi:<https://doi.org/10.33902/jpsp.2020161079>
- Karnieli-Miller, O. J. P. e., & counseling. (2020). Reflective practice in the teaching of communication skills. *Patient Education and Counseling*, 103(10), 2166-2172. doi:<https://doi.org/10.1016/j.pec.2020.06.021>
- Kartini, D., Kristiawan, M., Fitria, H. J. I. J. o. P. S., & Technologies. (2020). The Influence of Principal's Leadership, Academic Supervision, and Professional Competence toward Teachers' Performance. *International Journal of Progressive Sciences and Technologies (IJPSAT)*, 20(1), 156-164.
- Li, H., & Cao, Y. (2020). *Employee-Organization Relationship and Organizational Citizenship Behaviour: The Roles of Organizational Identification and Leader-Member Exchange*. Paper presented at the 2020 6th International Conference on Social Science and Higher Education (ICSSHE 2020).
- Lumbantobing, P. A. J. B. I. R., Linguistics, C. i., & Journal, E. (2020). The Contribution of Lecturer Pedagogical Competence, Intellectual Intelligence and Self-Efficacy of Student Learning Motivation. *Budapest International Research and Critics in Linguistics and Education (BirLE) Journal*, 3(1), 564-573. doi:<https://doi.org/10.33258/birle.v3i1.852>
- Maulana, A., Musthafa, I., & Hayati, T. N. J. U. J. o. E. R. (2020). The efficiency of teaching listening and speaking skills to develop students' communicative competences. *Universal Journal of Educational Research*, 8(3), 802-808. doi:<https://doi.org/10.13189/ujer.2020.080310>
- McGuire, L. E., & Lay, K. A. J. J. o. S. W. E. (2020). Reflective pedagogy for social work education: Integrating classroom and field for competency-based education. *Journal of Social Work Education*, 56(3), 519-532. doi:<https://doi.org/10.1080/10437797.2019.1661898>
- McLeod, G. A., Vaughan, B., Carey, I., Shannon, T., & Winn, E. J. I. J. o. O. M. (2020). Pre-professional reflective practice: Strategies, perspectives and experiences. *International Journal of Osteopathic Medicine*, 35, 50-56. doi:<https://doi.org/10.1016/j.ijosm.2019.11.005>
- Moses, D. J. I. J. o. S., & Research. (2020). Effects of reflective inquiry teaching method on students' retention ability in domestic installation module in technical colleges of Yobe State, Nigeria. 9(9), 919-923. doi:<https://doi.org/10.23918/ijsses.v7i3p52>
- Mpofu, N., & Maphalala, M. C. J. T. T. J. f. T. R. i. S. A. (2020). What counts as disciplinary literacy instructional approaches in teacher education? *The Journal for Transdisciplinary Research in Southern Africa*, 16(1), 1-7. doi:<https://doi.org/10.4102/td.v16i1.728>
- Murkatik, K., Harapan, E., Wardiah, D. J. J. o. S. W., & Education, S. (2020). The Influence of Professional and Pedagogic Competence on Teacher's Performance. *Journal of Social Work and Science Education*, 1(1), 58-69. doi:<https://doi.org/10.52690/jswse.v1i1.10>

- Muzaki, I., & Anggraeni, A. I. J. J. O. R. I. M. (2020). The Role Of Psychoogical Empowerment, Workplace Friendship, Workplace Spirituality and Subjective Wellbeing on Organizational Citizenship Behavior. *Journal of Research in Management*, 3(1). doi:<https://doi.org/10.32424/jorim.v3i1.97>
- Nainggolan, T. B., Suratno, S., Rachbini, W. J. J. R. A., & Perpajakan. (2019). Pengaruh Kompetensi, Independensi dan Religiusitas Auditor terhadap Kualitas Audit. *Jurnal Riset Akuntansi & Perpajakan (JRAP)*, 6(01). doi:<https://doi.org/10.35838/jrap.v6i01.399>
- Naz, S., Li, C., Nisar, Q. A., Khan, M. A. S., Ahmad, N., & Anwar, F. J. S. O. (2020). A study in the relationship between supportive work environment and employee retention: role of organizational commitment and person–organization fit as mediators. *SAGE Open*, 10(2), 2158244020924694. doi:<https://doi.org/10.1177/2158244020924694>
- Nikočević-Kurfi, E., & Saqipi, B. J. I. E. I. (2020). EXPLORING THE CONTRIBUTION OF MENTOR'S FEEDBACK ON DEVELOPMENT OF STUDENT-TEACHER'S LESSON PLANNING SKILLS AND INSTRUCTIONAL STRATEGIES. 179.
- Nind, M. J. O. R. o. E. (2020). A new application for the concept of pedagogical content knowledge: teaching advanced social science research methods. *Oxford Review of Education*, 46(2), 185-201. doi:<https://doi.org/10.1080/03054985.2019.1644996>
- Osborne, M. (2020). Entering the live-streaming void and emerging victorious: teaching performance psychology under pressure. *International Journal on Innovations in Online Education*. doi:<https://doi.org/10.1615/intjinnovonlineedu.2020035052>
- Pranitasari, D. (2020). THE INFLUENCE OF EFFECTIVE LEADERSHIP AND ORGANIZATIONAL TRUST TO TEACHER'S WORK MOTIVATION AND ORGANIZATIONAL COMMITMENT (S3). *Media Ekonomi Dan Manajemen*. doi:<https://doi.org/10.24856/mem.v35i1.1257>
- Prasetyanto, A. P., Darmawan, N. K., & Nugroho, J. E. (2021). *THE HIGH PERFORMANCE WORK ENVIRONMENT AND EMPLOYEE ENGAGEMENT ON MILLENIALS GENERATION WORKING AT GREEN BUSINESS ORGANIZATION*. Paper presented at the Proceeding of International Conference on Family Business and Entrepreneurship.
- Rachbini, W., Anggraeni, D., & Febrina, D. J. A. i. S. S. R. J. (2020). Effect of Service Quality on Customer Loyalty through Satisfaction, Perceived Value, and Customer Engagements (Study on Indonesian Ride-Hailing Online). *Advances in Social Sciences Research Journal*, 7(10). doi: <https://doi.org/10.14738/assrj.710.9204>
- Ratnawati Susanto, N. A., Rozali, Y. A., Mujazi, B. T., Rosyid, A. J. P., & Journal, E. (2020). Analysis of Primary School Teachers' Pedagogical Competencies through Talent Search Matrix. 57(8), 360-369.
- Resnawati, A., Kristiawan, M., Sari, A. P. J. I. J. o. P. S., & Technologies. (2020). SWOT Analysis of Teacher's Professional Competency. 20(1), 17-25.
- Richards, J. C. J. R. J. (2020). Exploring emotions in language teaching. *RELC Journal*, 0033688220927531. doi:<https://doi.org/10.1177/0033688220927531>
- Sabirova, A., Yergaliev, A., Maulet, A., Gabdiyev, M., & Takezhanova, R. J. O. R. d. C. H. y. S. (2020). The phenomenon of spirituality in the kazakh art songs. *Opcion*(27), 8.
- Singh, S., Dhaliwal, U., & Singh, N. J. I. P. (2020). Developing Humanistic Competencies Within the Competency-Based Curriculum. *Indian Pediatrics*, 57(11), 1060-1066. doi:<https://doi.org/10.1007/s13312-020-2036-y>
- Sofyani, N., & Susanto, R. J. D. S. D. (2019). Analisis Keterkaitan Kecerdasan Emosional (Emotional Quotient) Dan Ketahananmalangan (Adversity Quotient) Dalam Pembentukan Motivasi Belajar Siswa Kelas VA Di Sekolah Dasar Negeri Jelambar Baru 01. *Dinamika Sekolah Dasar*, 1(1), 1-13.
- Soomro, F. A., Shah, M. A., Memon, M. S. J. I. J. o. D. R., & Continuity, B. (2020). Role of employee attitude as mediating variable between hr practice and organizational performance: Evidence from public sector universities. 11(1), 1032-1044.
- Stambaugh, L. A., & Nichols, B. E. J. J. o. R. i. M. E. (2020). The relationships among interval identification, pitch error detection, and stimulus timbre by preservice teachers. *Journal of Research in Music Education*, 67(4), 465-480. doi:<https://doi.org/10.1177/0022429419885931>
- Staton-Spicer, A. Q., & Marty-White, C. R. J. C. E. (1981). A framework for instructional communication theory: The relationship between teacher communication concerns and classroom behavior. 30(4), 354-366. doi:<https://doi.org/10.1080/03634528109378491>
- Stinchcomb, D. (2020). *The Potential Link between Teacher Evaluation and Student Achievement*. Seton Hall University,

- Susanto, R., Agustina, N., Rozali, Y. A. J. A. o. t. A. o. t. P. C. M. C. S. o. P., & Private Primary Schools in West Jakarta Municipality, D. J. P. (2021). Analysis of the Application of the Pedagogical Competency Model Case study of Public and Private Primary Schools in West Jakarta Municipality, DKI Jakarta Province. *Elementary Education Online*. doi:<https://doi.org/10.17051/ilkonline.2020.03.114>
- Susanto, R., Febrianti, N., Husna, N. I., Putri, A. A., Umri, C. A., Ramadhanti, D., & Dwiyantri, K. J. v. (2018). Gerakan Literasi Pedagogik Bagi Guru Untuk Peningkatan Mutu Pembelajaran Di Sdn Duri Kepa 17 Pagi Dan Sdn Jelambar Baru 01 Pagi. 5, 40. doi:<https://doi.org/10.24269/jin.v3n3.2018.pp249-262>
- Susanto, R., Rachmatullah, R., Rachbini, W. J. J. o. E., & Studies, C. (2020). Technological and pedagogical models: Analysis of factors and measurement of learning outcomes in education. *Journal of Ethnic and Cultural Studies*, 7(2), 1-14. doi:<https://doi.org/10.29333/ejecs/311>
- Susanto, R., Rozali, Y. A., & Agustina, N. J. U. J. o. E. R. (2019). Development of pedagogical competency models for elementary school teachers: Pedagogical knowledge, reflective ability, emotional intelligence and instructional communication pattern. *Universal Journal of Educational Research*, 7(10), 2124-2132. doi:<https://doi.org/10.13189/ujer.2019.071010>
- Susanto, R., Rozali, Y. A., & Agustina, N. J. v. (2020). Pedagogic Competence Development Model: Pedagogic Knowledge and Reflective Ability. *Advances in Social Science, Education and Humanities Research*, 422, 19-23. doi:<https://doi.org/10.2991/assehr.k.200323.082>
- Susanto, R., Syofyan, H., & Rachmatullah, R. J. I. (2020a). Measurement of professional performance: statesmanship, entrepreneurship and innovation. *Proceeding S of the 1st Padjajaran Communication Conference Series, PCCS*, 100, 35. doi:<https://doi.org/10.4108/eci.9-10-2019.2291116>
- Susanto, R., Syofyan, H., & Rachmatullah, R. J. r. n. (2020b). Teacher Leadership in Class on The Formation of School Values and Characters of School-Ages. *WMA*, 11-14. doi:<https://doi.org/10.4108/eci.11-12-2019.2290861>
- Susanto, R. J. J. I. (2018). ANALYSIS OF LECTURERS' PROFESSIONALITY TOWARDS PRE-SERVICE TEACHERS' PROFESSIONAL COMMITMENT (CAPACITY BUILDING OF TEACHER TRAINING AND EDUCATION FACULTY). 3(3).
- Susanto, R. J. J. I. P. d. P. (2020). Kontribusi Faktor Mendasar Kepuasan Kerja: Fondasi Pengembangan Profesionalitas Tenaga Pendidik. 4(2), 232-248.
- Susanto, R. J. J. o. E. R., & Evaluation. (2019). Lecturers' Professionalism in Shaping Students' Perceptions and Commitments. *Journal of Education Research and Evaluation*, 3(1), 25-38. doi:<https://doi.org/10.23887/jere.v3i.17768>
- Sutirna, S. J. A. J. o. R. I. (2020). Total Quality Management Through Lecturer Assessment With Students to Improve Graduate Quality. *Journal on Recent Innovation (AJRI)*, 2(1), 51-65. doi:<https://doi.org/10.34306/ajri.v2i1.55>
- Syamsuddin, A., Juniati, D., & Siswono, T. Y. E. J. U. J. o. E. R. (2020). Understanding the problem solving strategy based on cognitive style as a tool to investigate reflective thinking process of prospective teacher. *Universal Journal of Educational Research*, 8(6), 2614-2620. doi:<https://doi.org/10.13189/ujer.2020.080644>
- Toraman, Ç., Orakci, S., & Aktan, O. J. I. J. o. P. E. (2020). Analysis of the Relationships between Mathematics Achievement, Reflective Thinking of Problem Solving and Metacognitive Awareness. *International Journal of Progressive Education*, 16(2), 72-90. doi:<https://doi.org/10.29329/ijpe.2020.241.6>
- Townsend-Nicholson, A. J. I. F. (2020). Educating and engaging new communities of practice with high performance computing through the integration of teaching and research. *Interface Focus*, 10(6), 20200003. doi:<https://doi.org/10.1098/rsfs.2020.0003rsfs20200003>
- Ullah, A., & Atta, M. A. J. J. o. E. R. (2020). Teachers Humanistic Role Regarding Listening Students Attentively. *Global Social Sciences Review*, 23(1), 73. doi:[https://doi.org/10.31703/gssr.2020\(v-i\).26](https://doi.org/10.31703/gssr.2020(v-i).26)
- Ullah, Z., Ahmad, N., & Naheed, R. The Missing link of Organizational Citizenship Behavior between Workplace Spirituality and Job Performance. *Journal of Xi'an University of Architecture & Technology*. doi:<https://doi.org/10.37896/jxat12.05/1455>
- Usanov, F. J. M. E. S.-M. J. (2020). The eight ways to advance pedagogy to the next level. 2020(1), 181-190.

- Wissinger, D. R., De La Paz, S., & Jackson, C. J. J. o. E. P. (2021). The effects of historical reading and writing strategy instruction with fourth-through sixth-grade students. *Journal of Educational Psychology*, 113(1), 49. doi:<https://doi.org/10.1037/edu0000463>
- Ybyraimzhanov, K., Zhanatbekova, N., Danikeeva, A., Abdykerimova, E., Julkybekova, G. J. T. D., & Excellence. (2020). Pedagogical Competence as Means of Developing the Professional Potential of the Teacher. *Talent Development and Excellence*, 12(1).
- Zulfadewina, Z., Nurmawati, N., & Meilana, S. F. J. J. S. (2018). Peningkatan profesionalisme pedagogik mengajar guru TK, SD, SMP/MTS melalui pelatihan Mengajar Gaya Motivator (MGM). 7(1), 83-89. doi:<https://doi.org/10.2991/assehr.k.200217.043>