Deconstruction-Critical Thinking: Alternative Learning Model of Literature Appreciation in Industrial Revolution 4.0

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Abstract— Deconstruction-critical thinking is an effort to develop a creative Literature Appreciation learning model. All deconstruction is critical, but everyone's critical is different and not all perfect. This model is the result of Derrida's deconstruction fiction with critical thinking of the Facione Model. Deconstruction-critical is carried out to find something new that is contradictory by dismantling text based on language instability, phonocentrism-logocentrism, and metaphors, it is necessary to bring up new meanings and meanings through the interpretation of activity, analysis, inference, discussion, consideration, and self-delivery. The focus of the article's problem is "how the conceptual basis of deconstruction-critical" and "how to implement deconstruction-critical in Literature Appreciation learning class". Deconstruction-critical learning models that are expected to overcome boredom and support learning of critical and creative Literary Appreciation learning and provide insights about the teacher can develop continuously developing learning models for their classes.

Keywords—development, models, learning, deconstruction-critical, literature appreciation

I INTRODUCTION

In the era of the industrial revolution (RI) 4.0, an important challenge in the world of education was developing quality and competitive human resources in an environment of super modern society that was characterized by data literacy, technological literacy, and human resource literacy. The development of digital technology is extremely fast and influences a person to get data and information easily and quickly without any time and space limit. Humans are required to be independent individuals who can communicate, collaborate, think critically, creatively, and innovatively. Human literacy is important so that humans can survive, function, and can understand complex interactions in all contexts or environments.

This research will integrate Derrida's deconstruction with critical thinking of the Facione model. Deconstruction is interpreted as an attempt to rearrange or an unusual form of structure. The meaning of deconstruction refers to a person's actions in dismantling an object with its constituent components which are indeed worthy of being dismantled. Deconstruction shows that every text is always present as a social construction that is contextual and contains the historical value. These assumptions can be traced to its formation in history that Derrida's deconstruction actually emerged as a critique of the Susserian theory which formulated his theory through the existence of binary opposition such as language-parole, utterance, non-existent, pure-polluted, which means the first is more superior and second tend to be inferior, so as if the first has the privilege while the second is abused Deconstruction rejects the establishment or rigidity and absolutism of structuralism theories which he calls grand-theory. In criticizing Saussure's theory, Derrida offers a method of differentiation or difference in getting meaning. The term differentiation contains destructive power for the level of markers and is immune from all forms of reduction, because differentiation gives rise to a distance that will always exist between the marker and also between the text and its meaning. Derrida's deconstruction of thought to release the text from its context in this study focused on language instability, phonocentrism and logocentrism, and metaphors (Sarup, 1993, p. 32-38; 2008, p. 46).

Deconstruction thinking must be based on critical thinking. Critical thinking is the development of cognitive domains in Bloom's taxonomy on C-4 (analytical-synthesis), C-5 (evaluation), and C-6 (re-creation / creating) high-level skills and 21st-century skills that cover 4C, namely creative, critical thinking, collaborative, and communicative. Many experts express their opinions on critical thinking, one of which is Facione (1990a; Dileklii, 2017, p. 70-71) who divides critical thinking into six components, namely interpretation, analysis, inference, explanation, evaluation, and self-regulation. Critical thinking denies one's caution and ability to draw conclusions to distinguish between active, persistent, creative in considering something knowledge with the support of responsible and trustworthy truth (Rahimi & Sajed, 2014, p. 43).

This article tries to integrate Derrida's deconstruction thinking with critical thinking of the Facione Model that the author's knowledge has never been done. This integration gave birth to the elements of deconstruction-critical thinking which became the basis for the development of the steps of learning that were intended to be trialed in the process of learning literary appreciation. For this reason, the discussion in this article focuses on the conceptual thinking of deconstruction-critical and class syntax with the model.

II. METHOD

This article is a research prototype of developing a deconstruction-critical model in literary appreciation learning. Deconstruction-critical conceptual data was collected by studying literature documentation to build theoretical traditions that integrate derrida's deconstruction thinking with critical thinking of the facione model. Data analysis was performed during and after data collection and
presented descriptively. Measurement of data reliability is done by triangulating sources, methods, and other data, so that accurate and reliable data is obtained. The results of data analysis about deconstruction-critical thinking are used as the basic framework of the steps or syntax of the learning model that will be developed in the literature appreciation learning class.

III. RESULTS AND DISCUSSION

The learning model is a procedure or reference that is made systematically to organize learning experiences to be more directed to achieve the goals to be achieved. The development of learning models is part of the main task of lecturers/teachers in managing learning in their classrooms. One of the characteristics of the learning model that is developed must have a syntax or clear learning steps in managing learning in the classroom.

A. RESULTS

The term deconstruction is used by Derrida as a form of radicalization of critical text reading so that it can capture meanings in different ways for people who read it and at the same time provide different interpretations based on logic or new thinking. Derrida began by analyzing the relationship between language, speech, and writing. In the history of deconstruction, his thoughts are outlined in 3 very influential books, namely Of Grammatology, Speech and Phenomena, and Writing and Difference. All three books criticized the phenomenology-Husserl, linguistics-Saussurean, psychoanalysis-Lacan, and structuralism-Levi Strauss.

Royle (2003, p. 40) explains that what needs to be understood about Derrida is the destruction of key ideas until finally realizing there are no more 'key ideas'. Deconstruction would not make sense without a structure that can be damaged. Deconstruction is an earthquake that shakes the entire text and turns it in an entirely unexpected direction that is often contradictory.

Derrida's deconstruction is actually a useful practice in uncovering hidden meanings and perceptions in the text in a style of interpretation to find out unexpected meanings. The author does have the ability to express ideas and ideas in written form, but how the text is understood readers have the freedom to interpret based on the experience they have. Derrida wants to show that in interpreting the text in addition to taking into account the 'key ideas' of the author, it also considers 'supplements' as the development of meaning that is influenced by the reader's experience. Deconstruction is indeed aimed at uncovering other hidden and implied meanings, not to show the meaning of explicit texts.

For Al-Fayyad (2005, p. 8), deconstruction moves beyond traditional dogmatism or naive nihilism. In connection with the constructive philosophical task, the deconstruction reminds us that every construction of language and text cannot avoid the metaphorical and intertextual character. The truth which is compiled in the end cannot be singular and so vulnerable to changes in interpretation. In the end, deconstruction researchers accept all the main sections as readers, translators, examiners, investigators, evaluators, and critics, at different points.

Deconstruction is one of the results of critical thinking. Critical thinking is very important, but in reality, many highly educated and intelligent people have difficulty thinking critically. In this article choose the Facione critical thinking model (2011; Hussin, et.al. 2019, p. 6) because of its focus on testing critical thinking skills in a group interactive learning environment. This model suggests 6 skills which include: (1) Interpretation which means categorization, decomposition of important meanings, and expressing various events, experiences, beliefs, judgments, procedures, and criteria; (2) Analysis which means exploring ideas, identifying and analyzing arguments; (3) Inference which means finding the elements needed to form a hypothesis, make conclusions, reflect on relevant information and infer the consequences that flow from data, evidence, statements, beliefs, questions, and alternative speculations; (4) Evaluation which means assessing the level of trust in a statement which is a description of one's experience, perception, judgment in assessing the logical power of the actual inferential relationship between statements and other forms of representation; (5) Explanation means confirming results, validating procedures and describing arguments; and (6) Self-regulation means self-correction and self-examination.

The Facione model was chosen because it has a clear concept and these concepts are also partly found in the thoughts of other experts. The results of theoretical studies show that "all deconstruction is critical", but what needs to be studied further is that critical thinking has not reached all elements perfectly but there must be weaknesses. Critical thinking of each person varies according to their respective competencies. The success of the learning process with this critical deconstruction thinking model will be influenced by several other factors, such as age, gender, learning styles and teaching in general school education (Dileklii, 2017, p. 70). This critical thinking becomes a liberating force and a strong resource for students to innovate in education.

This study places deconstruction as a thinking model by integrating Derrida's deconstruction with critical thinking of the Facione model. The integration of Derrida's deconstruction with the critical thinking of the Facione model is illustrated below. The building blocks of the two concepts are integrated to produce new concepts.
Figure 01: Integration of Derrida's Deconstruction and Facione Model Critical Thinking

Integration is done to find the similarities and differences of the elements. The different elements that do not show equality are what are called "deconstruction-critical" thinking.

Figure 02: Derrida Deconstruction Intersection and Critical Model Facione Thinking

Intersection of Derrida's deconstruction concept with critical thinking of the Facione model results in 12 steps of deconstruction-critical thinking that is synchronized with "JATMIKA-KRODA" to facilitate remembering. The twelve steps of thinking are used as a basis for developing a step model or learning syntax. The learning syntax is then applied by modifying the design phase of Gordon's Syntectic model development (Joyce, et al., 2009, p. 243-277; Nuryatin & Irawati, 2016, p. 106-110) which includes syntmatics, social systems, roles and tasks of lecturers / teachers, support systems, and the impact of learning and accompaniment.

| The Design Phase of the Development | Steps for Deconstruction & Description | Critical Steps for Deconstruction and Description |
|------------------------------------|---------------------------------------|------------------------------------------------|
| Syntactic "JATMIKA-KRODA"          | Learning is based on the concept of psychology of learning nativism that students have basic talents or abilities and scientific thinking processes. |   |
| • Critical-Trace                   | Learners do the initial activity by "observing" literary works and tracking to find traces of signs in the text that are influenced by critical thinking and curiosity with the activity of "asking" which is arranging hook questions as the basis of the learning process. This activity is influenced by assessment arguments, proof of questions, adjustment procedures, and self-assessment. |   |
| • Critical-Analogy                 | Learners make a comparison of similarities about the text with other texts that are influenced by categorization, identification, alternative allegations, adjustment procedures, current arguments, and self-assessment. |   |
| • Transcendental-Critical          | Learners do an analysis by thinking about something abstract, magical, transcendental or metaphysical about texts that are influenced by categorization, examination ideas, analysis of arguments, claims assessment, proof of questions, drawing conclusions, adjusting procedures, and current arguments. |   |
| • Multi-Critical Interpretation    | Learners carry out multiple interpretations of the analysis of objects that are affected by the decoding of meaning, identification of arguments, assessment arguments, concluding, statement of results, current arguments, and self-assessment. |   |
| • Intertextual-Critical            | Learners conduct an analysis of the intertwining of texts with other texts carried out with clarification of meaning, analysis of arguments, assessment arguments, proof of questions, alternative allegations, adjustment procedures, and self-assessment. |   |
| • Contextual-Critical              | Learners conduct an analysis of the context or environment that is influenced by assessment arguments, alternative allegations, drawing conclusions, statement of results, adjustment procedures, and self-correction. |   |
| • Critical-Ambiguity              | Learners do an analysis of the ambiguity resulting from multiple interpretations influenced by categorization, analysis of arguments, claims and evaluation arguments, drawing conclusions, adjustment procedures, and self-correction. |   |
| • Critical-complexity             | Learners conduct an analysis relating to the complexity of something that is affected by the decoding of meaning, identification of arguments, assessment arguments, proof of questions, drawing conclusions, statement of results, adjustment |   |

Advances in Social Science, Education and Humanities Research, volume 461

320
Critical-Representation

Learners carry out the process of re-defining an object, reality, or phenomenon influenced by categorization, clarification of meaning, claim assessment, evidence of questions, alternative allegations, statement of results, adjustment procedures, current arguments, and self-correction.

Binary-Critical Opposition

Learners analyze the differentiation of two conflicting elements in unity carried out by categorization, clarification of meaning, claims and assessment arguments, proof of questions, conclude, the results of the statement, current arguments, and self-assessment.

Critical-differentiation

Learners analyze thinking strategies to see the differences that oppose the totality of meaning in the text influenced by the decoding of meaning, claims, and assessment arguments, proof of questions, conclude, procedures for adjustment, and self-assessment.

Critical-Aporia

Learners analyze the structure or logic that shows the weaknesses or contradictions of formal logic in the text influenced by categorization, decoding meaning, argument assessment, question evidence, drawing conclusions, procedures for adjustment, and self-assessment.

Social System

This model can be done by the teacher by regulating the stages of learning while still opening the creativity of students' responses to develop ideas and thoughts.

Teacher Roles / Tasks

The teacher encourages students to develop their open thinking, irrationality, and critical and creative expression.

Supporting System

Learners need raw data to be analyzed and analyzed. The teacher's task helps learners process the data in more complex ways.

Impact of Learning and Accompaniment

This model is designed to train students who think critically and creatively. This model also discusses the social environment that allows students to function in a metaphorical world by each

*) JATMIKA:

it means being calm or gentle in doing any work that is not gossipy, everything is thoughtful, so it is thoughtful and capable of any work, smart in its entirety.

*) KRODA: angry.

*) Learning Class: JATMIKA class and KARTIKA class

The integration of the two words “JATMIKA-KRODA” is interpreted as a way to manage anger in oneself to awaken the individual's potential to find positive and critical thoughts in responding, understanding, filtering values, and find conclusions from various problems encountered. The integration of these two words is very much in harmony with the concept of integration of deconstruction-critical thinking developed in this study.

B. DISCUSSION

Research on the development of learning models has been carried out by previous researchers. But so far, the authors have not found a study of deconstruction as critical thinking integration that gave birth to the syntax of learning models. Previous studies as outlined in the form of theses, theses, dissertations, and articles in journals focus on critical thinking or Derrida's deconstruction thinking alone.

Regarding Derrida's deconstruction, Yegen & Abukan (2014, p. 48) discusses Derrida's war with the deconstruction of the conception of dominant meaning in the scope of differences, traces, decentralization, uncertainty, and metaphors to be made about modernism and postmodernism in understanding texts and meanings. The same thing was done by Hoteit (2015, p.117) whose article examines the study of philosophical currents “deconstruction” and its relationship to the architecture of deconstructivism. The results of this study explain the basic principles of philosophy that begin with Derrida's work and continue by defining the basic terms and vocabulary of this philosophy and identifying deconstruction concepts that are transferred to architecture and form the basis of architectural style of deconstructivism.

Likewise, critical thinking research also focuses on critical thinking alone as a basis for thinking that is developed, such as research conducted by Wallace & Jefferson (2013, p. 246) which explains the results of empirical studies of the effectiveness of exercise with workbooks that can develop thinking skills in new students. Although this research data is based on a relatively small sample size, critical thinking exercises, such as those in workbooks can help develop critical thinking skills in college freshmen. In a correlational study of 30 students of the Shiraz University Azad branch, Afsahi & Afghari (2017, p. 116) explains that there is a significant relationship between mother tongue and the level of critical thinking, but there is no significant relationship between age, gender and the level of critical thinking. Critical thinking is actually a part of daily activities, so that whenever we want to take decisions always through the process of thinking. But it must be realized that the level of severity of each person is different.

Based on the description above, there are no studies that have been written in the form of journals and dissertations that discuss deconstruction-critical. This initial research is the result of thinking to develop a learning model based on
the thought that as an educator “must” do the development of learning models for his class so that it is not boring and at the same time maximizes the potential development of students. In this regard, the writer tries to offer deconstruction-critical thinking with the component “JATMIKA-KRODA” to be applied in the study of Literary Appreciation.

Implementation of the Syntax of "JATMIKA-KRODA" Deconstruction-Critical Learning Class Model in Literary Appreciation

The results of the integration of deconstruction-critical thinking can be applied in various fields, including learning Literary Appreciation. Literary appreciation is the activity of familiarizing and living literature seriously so as to foster understanding, appreciation, sensitivity of critical thinking, and sensitivity of good feelings towards literary creativity (Effendi, 2002, p. 6). This opinion is in line with the opinion of Oemarjati (1996, p. 58) that appreciating literature is to provide a sensitive response or understanding of literary works related to the values contained therein. Whatever forms of literary works the author creates contain values to be conveyed to the reader.

Appreciating literary behavior can occur receptively and productively. Receptive literary appreciation occurs when lovers of literature, intensive in reading, listening, and witnessing a literary performance. In this appreciation, literary works that are used as targets for receptive appreciation in the form of short stories, poetry, drama, and other literary works. While productive literary appreciation can occur when literary connoisseurs are intensive in the creative process and literary creation. In line with productive appreciation activities, a connoisseur of literature can produce literary works in various forms according to their tastes. In addition, literary appreciation is also direct and indirect. The ability to make a literary appreciation of each person is different, because each person has a different attitude to the literary work.

The results of deconstruction-critical thinking with the 12 concepts of “JATMIKA-KRODA” can be applied in the form of varied learning classes, for example JATMIKA class and KARTIKA class. The acronym is used to be easy to remember and the teacher may try another set of acronyms. This effort is aligned with learning theories that students have talent, intellectual power, need the environment, and like creative procedural things. The learning class scenario is as follows.

1) JATMIKA Class
The word ‘jatmika’ contains the subtle meaning of being uncompromising in doing things, and intelligent in everything. The ‘JATMIKA’ learning core scenario has the characteristics of breaking the habit of the learning process with the following steps.

| The Design Phase of the Model Development | Steps for Critical Deconstruction & Description |
|------------------------------------------|-----------------------------------------------|
| 1) Syntactic JATMIKA                      | INTRODUCTION ACTIVITIES                      |
|                                          | The teacher conditions the atmosphere of a pleasant learning, doing apperception, informing the pattern of the class JATMIKA, conveying |

| Core Activities | Example Questions for Measuring Indicators |
|-----------------|-------------------------------------------|
| Critical-Trace  | What type of text? What is the proof? What are its characteristics? |
| Critical-Analogy| What is the text category? What are its characteristics? What is the difference between this text and other texts? Why is this text better? |
| Transcendental-Critical | What if I change the shape of the text? What if character A doesn't behave like that? What happens if the opposite? What is your conclusion? |
| Multi-Critical Interpretation | What is the text if viewed from a structural, sociological, psychological, semiotic, etc. perspective? |
| Intertextual-Critical | Are there text links with other texts? Why related? What are the connections in what ways? What are the characteristics of each text? |
| Critical-Complexity | What is the sign system in the text? How to identify text? What if the text is reviewed in terms of N? How are the intrinsic and extrinsic elements of the text translated? How do you conclude about the contents of the text? |
| Critical Aporia  | How do you respond about the weakness of the text? Is there any contention in the text? |

CLOSING ACTIVITIES
The teacher and the students reflect on the learning that has been done and continue to work on formative assessment. The learning activity ends with the assignment and further material information.

2) Social system
This model can be done in receptive appreciation learning by thinking individually or in groups.

3) Teacher Roles / Tasks
The teacher arranges the stages of learning by opening the students’ creativity in responding to develop ideas and thoughts openly, critically, expressively, creatively, and respecting irrationality.

4) Supporting System
Learners need raw data for dialogue and analysis through...
The implementation of this JATMIKA class invites students to actively seek and develop their imagination through semiotic understanding. In the context of receptive appreciation, students are free to develop their talents and potential to cultivate and appreciate literary works, while in productive appreciation of the syntax of this learning class, it is expected to produce creative and contemporary literary works.

2) **KARTIKA Class**

The characteristics of classroom learning "KARTIKA" invites students to be able to analyze a variety of varied texts critically, creatively, and innovatively. The learning steps are as follows.

| The Design Phase of the Model Development | Steps for Critical Deconstruction & Description |
|------------------------------------------|-------------------------------------------------|
| 1) Syntactic "KARTIKA " | INTRODUCTION ACTIVITIES  
The teacher conditions the atmosphere of a pleasant learning, doing apperception, informing the pattern of the class "KARTIKA", conveying the competencies to be achieved, the outline of the material and assessment. |

Core Activities | Example Questions for Measuring Indicators |
|----------------|--------------------------------------------|
| Critical-complexity | same as above |
| Critical Ambiguity | What is the grouping of text types? What is the meaning or content of the text? Why are your opinions different from your friends? |
| Critical Representation | What are the categories and classifications of texts? Meaning represents what object, reality or phenomenon? What is the proof? Why represent? |
| Transcendental-Critical | same as above |
| Intertextual-Critical | same as above |

Like its symbolic meaning, the KARTIKA class will provide an energetic atmosphere in the literature appreciation class. Students are given freedom of expression through complex and contradictory thoughts in analyzing the relationship between one text and another.

IV. **CONCLUSION**

Deconstruction thinking is always based on critical thinking, but in its implementation, it will depend on one's competency. Derrida's deconstruction of thought is a way of reading and interpreting something to find new meanings outside their textual meanings. Derrida's deconstruction is actually a useful practice in uncovering hidden meanings and perceptions in the text in a style of interpretation that sometimes leads to finding out unexpected meanings. Deconstruction is indeed intended to uncover hidden meanings and other implied, not just explicit meanings.

The results of theoretical studies show that "all deconstruction is critical", but what needs to be studied further is that critical thinking has not reached all elements perfectly but there must be weaknesses. Critical thinking of each person varies according to their respective competencies. The success of the learning process with this critical deconstruction thinking model will be influenced by...
several other factors, such as age, gender, learning styles and teaching in general school education.

The application of critical deconstruction thinking is carried out for literary appreciation activities. Appreciators receptively deconstruct critical discourse and language texts and productively produce creative works that are different from those that already exist. The application of critical deconstruction thinking is carried out for literary appreciation activities. Appreciators receptively deconstruct critical discourse and language texts and productively produce creative works that are different from those that already exist. Basically, the development of this model aims to invite lecturers/teachers to dare to break through the steps of conventional learning in new ways that are more creative

and innovative. Critical thinking through this kind of critical literacy makes students have an open-minded habitus, open thinking about other inputs, the basics of other arguments and that turns out to be good too and is very true also when humans become open to other thoughts as well as paradigms the paradigm he wears. Critical thinking through this kind of critical literacy makes students have an open-minded habitus, open thinking about other inputs, the basics of other arguments and that turns out to be good too and is very true also when humans become open to other thoughts as well as paradigms the paradigm he wears.

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