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## **Advanced pedagogical approaches encompasses teacher thinking and teacher doing: An imperative appraisal**

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### **Abstract**

Pedagogy is about learning, teaching and development, influenced by the cultural, social and political values and principles we have for children and underpinned by a strong theoretical and practical base.

**Keywords:** Learning, teaching, development, social and political values

### **Introduction**

Pedagogy is another word for education, the profession and science of teaching. Pedagogy refers to the teaching profession as well as the science of education. Although many aspects of pedagogy are significant on the preparation of teachers, the research literature in the United States has focused primarily on the uses of various advanced pedagogical approaches.

The word teaching is a simple word but its meaning or significant is not so and the term effective teaching demands various integrated activities in teaching-learning system. Pedagogy is the art and as well as science of teaching. It is a master-plan that includes a detailed analysis of what is to be done by a teacher. Advance pedagogy is the way to enhance teaching and learning performance. Different innovative teaching methods are now in use across the globe.

Use of smart gadgets for different tasks like teaching, designing question papers, assessment of student, feedback and research methodology is best way to uplift the profession.

Effective teachers use an array of teaching strategies because there is no single, universal approach that suits all situations. Different strategies used in different combinations with different groups of students to improve their learning outcomes. Some strategies are better suited to certain student backgrounds, learning styles and abilities. Pedagogy, incorporating an array of teaching strategies that support intellectual engagement, connectedness to the wider world, supportive classroom environments and recognition of difference, should be implemented across all key learning, and subject areas.

### **Advanced pedagogical approaches with technology**

#### **Why Technology**

Teaching with technology engages students with different kinds of stimuli- involve in activity based learning. Technology makes material more interesting. It makes students and teachers more media literate.

Whereas, Sporting technologies are man-made means developed to reach human interests or goals in or relating to a particular sport. Technology in sports is a technical means by which athletes attempt to improve their training and competitive surroundings in order to enhance their overall athletic performance. It is the knowledge and application of using specialised equipment and the latest modern technologies to perform tasks more efficiently.

One criticism of the use of technology is that it can slow down the speed of the game, but on the other hand for many people it makes watching it more enjoyable to see the correct decisions being made.

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**Fig 1:** In an ironic twist, Oscar Pistorius

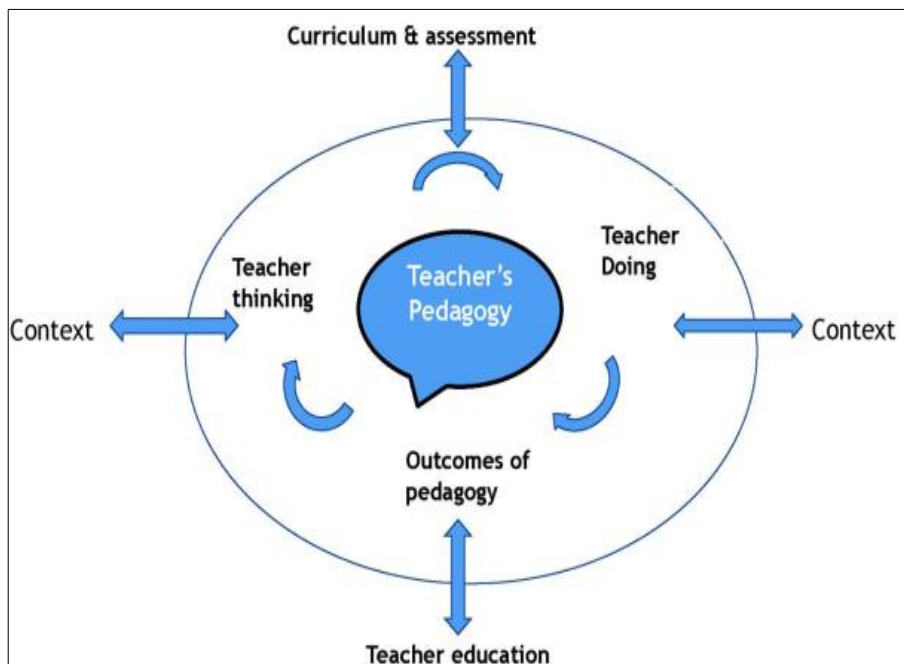
People call Oscar Pistorius all kinds of things: disabled, differently disabled, an inspiration, an egotist, even a cheat. One label they never give him is the one he wants most of all: a runner, just like any other.

**Michael Phelps struggled against competitors in high-tech swimsuits, but it was hardly the first time superior equipment gave someone an edge**

Based on the latest developments in pedagogy, teaching has become more than an activity that conserves valued knowledge and skills by transmitting them to succeeding generations. Therefore, teachers also have the responsibility to challenge existing structures, practices, and definitions of knowledge; to invent and test new approaches; and, where necessary, to pursue organizational change in a constant attempt to improve the discipline.

Through advanced pedagogical approaches teachers observe and assess students in the context of ongoing classroom situation like collecting and interpreting a variety of types of evidence to evaluate where each student is in a sequence or continuum of learning and development and know how to move from assessment to decisions about curriculum, social support, and teaching strategies, to increase the prospects for successful learning.

Advanced pedagogical approaches encompasses teacher thinking and teacher doing, the one impacting on the students, and with the third dimension of the visible, observable and measurable impact of the teachers' pedagogy on the learners themselves that renders those pedagogic practices 'effective'. These three aspects of teacher thinking, doing and their impact on student learning outcomes therefore make up 'effective pedagogy'.



**Fig 2:** Curriculum and assessment

**Research Questions in the Related Field**

The discussions on advanced pedagogical approaches, curriculum and teacher education have still questionable, like:

**Que. 1:** Which pedagogic practices in which contexts and under what conditions most effectively support all students to learn at primary and secondary levels in developing countries?

**Que. 2:** What pedagogical practices are being used by teachers in formal and informal classrooms in developing countries?

Our teachers must to think on these research questions and try to answer it systematically and scientifically, as done in any research work.

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