

# Introduction of I-clicker assessment method

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## Abstract

*I-clicker is an educational tool which helps instructor to create interactive smart classroom for students. I-clicker increases students interaction with instructor, productive atmosphere and improves attendance as well as thinking ability of students. Most importantly, I-clicker provides judgmental summative and formative assessment of student within classroom. This assessment primarily includes multiple choice questions, apply your knowledge questions and subjective questions. I was able to apply the methodology even in absence of I-clicker and was able to revise concepts and resolve queries of students.*

I introduced I-clicker as an assessment method while I was working as a Senior Assistant Professor at FE Classes, Indrapuram Institute for Higher Studies, Indrapuram, NCR Delhi, India part of Pre Medical Test (PMT) Crash Course for High School Students. The teaching method was in form of Lectures consisted of Smart Class Format (Projector, Pointer, PowerPoint Slides, Smart Board, I-clicker assessment method- multiple choice questions, apply your knowledge questions and subjective questions). The topics covered are below;

- A) Invertebrates Diversity.
- B) Respiratory system of Invertebrates and Vertebrates.
- C) Excretory systems of Invertebrates and Vertebrates.
- D) Digestive system of Invertebrates and Vertebrates
- E) Circulatory System of Invertebrates and Vertebrates
- F) Nervous system (Part I) of Invertebrates and Vertebrates
- G) Nervous system (Part I) of Invertebrates and Vertebrates
- H) Locomotion and Movement of Invertebrates and Vertebrates

I have previously learned how to use I-Clicker as an educational tool in capacity as a teaching assistant for undergraduate classroom teaching and subsequently used I-clicker as an educational tool while lecturing two below topics at The University of Southern Mississippi, Hattiesburg, Mississippi, United States of America for undergraduate course BSC III- Principles of Biology ;  
At The University of Southern Mississippi:

- A) Invertebrates Diversity II - (February, 26<sup>th</sup>, 2015).
- B) Respiratory and Excretory System- (April, 2<sup>th</sup>, 2015).

I also had opportunity to deliver a Demonstration Lecture to 12<sup>th</sup> Grade High School Students at Khaitan Public School, NCR Delhi, India as part of selection process for Post Graduate Teacher (Biology). The topic allocated was 'Molecular Basis of Inheritance'. I was able to integrate the above Smart Class Teaching Method as well as I-Clicker assessment method.

The above teaching and assessment method will enable instructor to understand student learning and develop a better lesson plan which is also inclusive of active learning exercises based on retention of student in classroom.