

Annual report of the activities about IBSE project in Iran

The first national workshop of Inquiry Based Science Education of Iran was held in Isfahan University in January 2017 with the partnership of Curriculum and Textbooks development office, ECO Science Foundation and La Main a La Pate foundation in order to improve the professional developments of the Iranian science teachers according IBSE approach.



After this course, two main projects have been started in Iran:

- Providing IBSE resources
- Organizing local workshops

In the first one, two related books which were introduced by the French instructors of the workshop, "Teaching science in school" and "Discoveries in Islamic countries", have been translated by two groups of teachers. The books are in the final edition phase now.

Besides, each science teacher who has participated in the workshop was set to organize some local workshops to train other elementary or middle school teachers in his own province.

During one year, that has been done by some of the participants, whether by holding workshops for local instructors or by performing IBSE projects in the science class for students of elementary or middle schools.

It's impossible to count them all one by one, but here we mention some of them, especially the local workshops which have been reported:

1. **Mr. Hamid Reza Vatanpour**



City and place of the workshop:
Mashhad, Ferdowsi university

Number of sessions of the workshop:
6 hours

Title of participants of the workshop:
Education students

Number of participants of the workshop:
60

Subject or projects of the workshop:
IBSE and other methods like STSE etc.

Challenges or difficulties of the workshop:

- Not finding a proper time for holding the workshop
- The workshop costs
- People have difficulties in the last step of IBSE (building science)
- Teachers have many students in their classes
- Teachers don't know how they should assess their IBSE classes
- Decision makers of the departments of education

Positive consequences of the workshop:

- People welcomed the workshop and demand for holding more complete workshops

B:

City and place of the workshop:

Mashhad, Farhangian university

Number of sessions of the workshop:

14 hours

Title of participants of the workshop:

Master students of Physics education

Number of participants of the workshop:

10

Subject or projects of the workshop:

IBSE and other methods like STSE etc.

Challenges or difficulties of the workshop:

- Not finding a proper time for holding the workshop
- The workshop costs
- People have difficulties in the last step of IBSE (building science)
- Teachers have many students in their classes
- Teachers don't know how they should assess their IBSE classes
- Decision makers of the departments of education

Positive consequences of the workshop:

- People welcomed the workshop and demand for holding more complete workshops

C:

City and place of the workshop:

Mashhad, Farhangian university

Number of sessions of the workshop:

8 hours

Title of participants of the workshop:

Last year students of Education

Number of participants of the workshop:

70

Subject or projects of the workshop:
IBSE and other methods like STSE etc.

Challenges or difficulties of the workshop:

- Not finding a proper time for holding the workshop
- The workshop costs
- People have difficulties in the last step of IBSE (building science)
- Teachers have many students in their classes
- Teachers don't know how they should assess their IBSE classes
- Decision makers of the departments of education

Positive consequences of the workshop:

- People welcomed the workshop and demand for holding more complete workshops



City and place of the workshop:
Mashhad, Farhangian university

Number of sessions of the workshop:
6 weeks

Title of participants of the workshop:
Newly hired teaches

Number of participants of the workshop:
150

Subject or projects of the workshop:
IBSE and other methods like STSE etc.

Challenges or difficulties of the workshop:

- Not finding a proper time for holding the workshop
- The workshop costs
- People have difficulties in the last step of IBSE (building science)
- Teachers have many students in their classes
- Teachers don't know how they should assess their IBSE classes
- Decision makers of the departments of education

Positive consequences of the workshop:

- People welcomed the workshop and demand for holding more complete workshops



City and place of the workshop:
Mashhad, Ministry of education

Number of sessions of the workshop:
2 hours

Title of participants of the workshop:
Newly hired teaches

Number of participants of the workshop:
100

Subject or projects of the workshop:
IBSE .

Challenges or difficulties of the workshop:

- Not finding a proper time for holding the workshop
- The workshop costs
- People have difficulties in the last step of IBSE (building science)
- Teachers have many students in their classes
- Teachers don't know how they should assess their IBSE classes
- Decision makers of the departments of education

Positive consequences of the workshop:

- People welcomed the workshop and demand for holding more complete workshops