

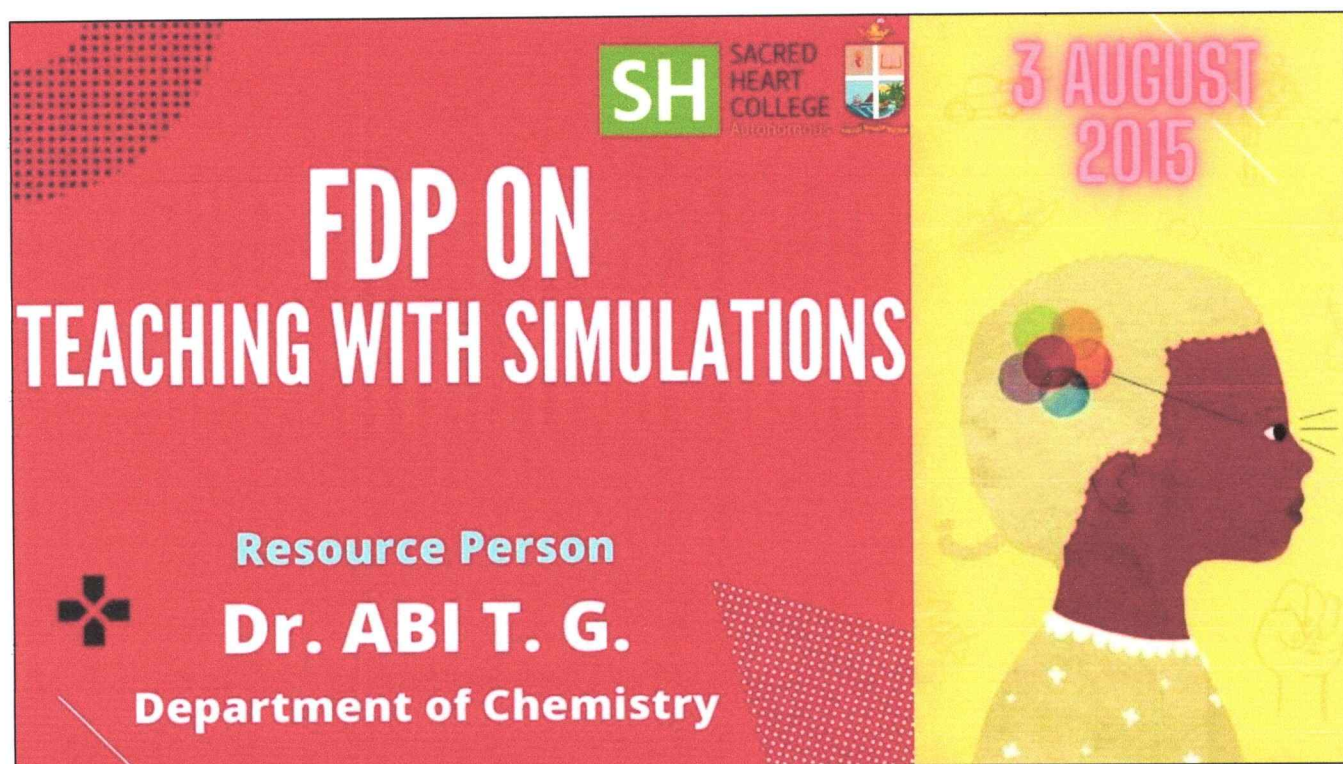
**SACRED HEART COLLEGE, THEVARA**

**Faculty Development Program on Teaching with Simulations**

**Date: 3<sup>rd</sup> AUGUST 2015**

**Time: 9.00 am to 4.00 pm**

**BROCHURE**



## **REPORT**

Computer simulations have greatly evolved with progress in computer science over the past few decades. Simulation technologies now have widespread applications in various industries ranging from healthcare to manufacturing to entertainment. Simulation tools have found numerous successes and advantages in education, being used for teaching, training, and testing applications. As computer technology continues to improve, simulations will become more immersive and will continue transforming applications in education. In view of this IQAC of Sacred Heart College, Thevara organized a faculty development program on the topic teaching with simulations on 3<sup>rd</sup> August 2015. The aim of this workshop was to provide the faculty members a deeper understanding in their approach to using simulations (SIMs) within their courses in the classrooms.

The program started with a silent prayer. Dr. Joseph T Moolayil, IQAC coordinator of Sacred Heart College, Thevara welcomed the participants and the resource person. The resource person for the program was Dr. Abi T. G., Assistant Professor, Department of Chemistry, Sacred Heart College, Thevara.

In the technical session, Dr. Abi T. G. gave a brief history of digital simulations. He mentioned that simulation tools offer many advantages compared to traditional teaching methods. They are also cost-effective over the long-term. He pointed that simulation tools can transform abstract concepts into interactive visual content, making it easier for students to understand the performance and relationship between different system parts. They can become familiar with the equipment and environment, and practice necessary skills without risking accidents to themselves, the equipment, and the environment. He also pointed that simulation tools can track student progress and provide standardized feedback that can aid in developing skills. Simulations can be used in class when equipment is not available, or when it is not practical to set it up. He finally concluded the session by mentioning that in order to set the cognitive stage for students' future learning, simulations can be used effectively for the introduction of challenging or unfamiliar concepts.

In the concluding session, the participants discussed with the resource person about the possibility of programming a simulations for every program. The program concluded with a vote of thanks by the IQAC joint coordinator.

**PHOTO**



**Dr. Abi T. G. in the training Session of the FDP on Teaching with Simulations (03/08/2015)**

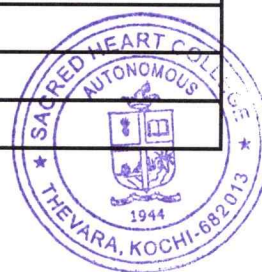
**SACRED HEART COLLEGE (AUTONOMOUS), THEVARA**

**Faculty Development Program on Teaching With Simulations**

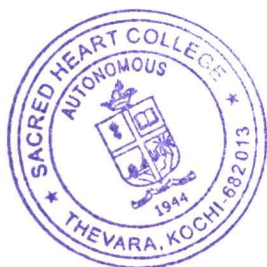
3<sup>rd</sup> August 2015

**LIST OF PARTICIPANTS**

Sl. No.	Department	Name
1.	Additional Languages	Fr. Xavier C S
2.	Additional Languages	Mr. Vishnu Raj P
3.	Communication	Mr. Rohit Sivan
4.	Communication	Ms. Anu Cherian
5.	Communication	Ms. Shana Susan Ninnan
6.	Economics	Mr. Madhusudanan Nair M S
7.	Economics	Mr. Siby Abraham
8.	English	Mr. Bijo N Mathew
9.	English	Mr. Aravind R Nair
10.	English	Mr. Sunil K V
11.	English	Fr. Sabu Thomas
12.	Sociology	Mr. Benny Varghese
13.	Sociology	Mr. Sibi K I
14.	Commerce	Dr. Remya Ramachandran
15.	Commerce	Ms. Priya Renjini S
16.	Commerce	Dr. K T Peter
17.	Commerce	Ms. Priya P S
18.	Commerce	Dr. Radhika.P.C
19.	Commerce	Mr. Gino Antony
20.	Aquaculture	Dr. Anna Mercy
21.	Aquaculture	Ms. Asha Babu R
22.	Botany	Fr. Dr. Jose John
23.	Botany	Dr. I'Ma Neerakkal
24.	Botany	Mr. Ebin P. J
25.	Botany	Mr. Kiran George Koshy
26.	Chemistry	Dr. Jinu George
27.	Chemistry	Dr. Grace Thomas
28.	Chemistry	Dr. Ignatious Abraham
29.	Chemistry	Mr. Midhun Dominic C D
30.	Chemistry	Mr. Senju Devassykutty
31.	Chemistry	Ms. June Cyriac
32.	Chemistry	Dr. Ramakrishnan S
33.	Chemistry	Dr. Abi T G
34.	Computer Science	Ms. Jisha Soman



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36.	Computer Science	Ms. Rensi K Ranjith
37.	Computer Science	Fr. Nijo Antony
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39.	Mathematics	Mr. Didimos K V
40.	Mathematics	Mr. Sanil Jose
41.	Mathematics	Mr. Jinesh P Joseph
42.	Physics	Dr. Sumod S G
43.	Physics	Dr. Mathew George
44.	Zoology	Dr. Mathew M J
45.	Zoology	Mr. Jobin C Tharian
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