

# Science Facilitation Centre



Science Facilitation Centre was established in Mar Ivanios College with a view to inspire the educationally brilliant youngsters at high school level with a special focus on the economically marginalised, by imparting training in both theoretical and practical aspects of Science in a stress-free , highly interactive and creative ambience.

The major objectives of the centre is to lead the young promising minds beyond the constraints of the curriculum into the exciting world of Science whereby they gain deeper insights and learn to apply the knowledge they have gained in an ingenious and inventive manner for constructive follow up in the higher classes.

This 'Yagna' was conceived and launched in February 2007 by the Associate Professor in Physics of Mar Ivanios College, Dr. K. S. Mathew.

The Centre works full day on all second Saturdays in five different sessions which begin with talks by eminent scholars aimed at stimulating and the creativity of the young minds. This followed by lively interactions, experimental sessions, interpretations and clarifications.

### Essential Aspects of SFC

- 40 talented students of standard VIII and IX are selected for the training, based on merit, from 40 Public and Private Schools near to Thiruvananthapuram
- College Students are given initial training to act as Teacher-Facilitators to the school students to help them carry out their experiments in the laboratory of the Dept. of Physics. Thus this a dual programme in which both the college students and the school students are benefited.
- Highly competent teachers and Scientists guide the students in understanding their innovative projects.

### Key Features of SFC

- Lectures by Experts
- Interaction with eminent personalities in the field of Science and Technology
- Hands on training in experiments
- Experiments in Physics, Chemistry, Botany and Zoology
- Mathematical Puzzle solving skills
- Opportunity for demonstrating mini projects
- Developing new improvised experiments
- Study Tour
- Best student facilitator award
- Stress free learning method
- Scientific discussion between college and school students
- Motivation in learning

### Prime Aims and Goals of SFC

- To identify students with hidden /unknown talents
- To inspire motivate and promote the curiosity and creativity of students and equip them for applying their scientific talent for the development and effective manpower utilisation of our nation
- To activate the school authorities for creating a scenario in which the students can freely sense, touch and taste the ambience and will receive hands on experience in science
- To enable the students to take up project activity and carry out scientific investigations according to their innovative ideas
- To provide the students with adequate opportunities for self-development in science
- To offer a very active platform for all science loving students to come up to levels of excellence in science.

## Report of the activities of SFC during 2013-14

The inauguration of the SFC 2013-14 batch was held on 17/2/2013 in the Mar Gregorios Hall at 10 AM. The minister for Health, Govt. of Kerala, Sri. V. S. Sivakumar inaugurated the function and His excellency Samuel Mar Irenios, Auxillary Bishop of Thiruvananthapuram Arch dioces was present on the occasion. Pricipal Dr. K. M. Francis, Bursar Fr. Geevarghese Valiyachangaveetil and Dr. K. S. Mathew were present on the occasion.



*News paper cutting of the inauguration function held on 22/2/2013.*

Fourty two students from various schools were admitted for the programme and 11 classes were conducted from 9/2/2013 to 11/1/2014 on all second Saturdays. A study tour was conducted on 9/11/2013 and the students visited the VSSC space museum, the Science and Technology Museum and the Planatarium.

The veledictory fuction was conducted on 26/2/2014. Science Genius award was presented to Mr. Akshay M of Bharatiya Vidya Bhavan and Best teacher faciliator award was presented to III Year BSc Physics Student Mr. Akhil R S.



## Report of the activities of SFC during 2014-15

The inauguration of the SFC 2014-15 batch was held on 26/2/2014 in the Mar Gregorios Hall at 10 AM. The minister for Education, Govt. of Kerala, Sri. P. K. Abdu Rabb inaugurated the function. The honorable collector of Thiruvananthapuram, Sri. Biju Prabhakar was present on the occasion. The Auxillary Bishop of Thiruvananthapuram Arch dioces His excellency Samuel Mar Irenios, was present on the occasion. Pricipal Dr. Mathews Cherian, Dr. K. S. Mathew and Sri. Sureshkuamr were present on the occasion.



Fifty two studetns from various schools were admitted for the programme and 11 classes were conducted from 8/2/2014 to 10/1/2015 on all second Saturdays. A study tour was conducted on 14/12/2014 and the students visited the VSSC space museum, the Science and Technology Museum and the Planatarium.

The valedictory fucntion was conducted on 22/2/2015. Science Genius award was presented to Mr. Vishak M of St. Mary's H S S and Best teacher faciliator award was presented to III Year BSc Physics Student Mr. Prince Pradeep.



## Report of the activities of SFC during 2015-16

The inauguration of the SFC 2015-16 batch was held on 22/2/2015 in the Mar Gregorios Hall at 10 AM. The honorable minister for home affairs, Govt. of Kerala, Sri. Ramesh Chennithala inaugurated the function. Pricipal Rev. Dr. Gigi Thomas, Dr. K. S. Mathew and HoD of Physics Dr. Shyla Joseph were present on the occasion.



Thirty four studetns from various schools were admitted for the programme and 11 classes were conducted from 14/3/2015 to 9/1/2016 on all second Saturdays. A study tour was conducted on 12/12/2015 and the students visited the VSSC space museum, the Science and Technology Museum and the Planatarium.

The valedictory fuction was conducted on 24/2/2016. Science Genius award was presented to Mr. Adithyan M of St. Mary's H S S and Best teacher faciliator award was presented to III Year BSc Physics Student Ms. Pooja.



## Report of the activities of SFC during 2016-17

The inauguration of the SFC 2016-17 batch was held on 24/2/2016 in the Mar Gregorios Hall at 2 PM. The minister for Sports and Tourism, Govt. of Kerala, Sri. M. K. Muneer inaugurated the function. The UGC representative Sri. Gurbachan Singh was present on the occasion. His Excellency Cardinal Cleemis Catholicos was present on the occasion. Principal Rev. Dr. Gigi Thomas, Sri. Suresh Kumar and HoD of Physics Dr. Shyla Joseph were present on the occasion.



Fifty two students from various schools were admitted for the programme and 11 classes were conducted from 12/3/2016 to 14/1/2017 on all second Saturdays. A study tour was conducted on 10/12/2016 and the students visited the VSSC space museum, the Science and Technology Museum and the Planetarium.

The valedictory function was conducted on 24/2/2016. Science Genius award was presented to Mr. Saran S of Mahatma Gandhi Memorial School and Best teacher facilitator award was presented to III Year BSc Physics Student Ms. Neethu S.



## Report of the activities of SFC during 2017-18

The inauguration of the SFC 2017-18 batch was held on 14/2/2017 in the Mar Gregorios Hall at 2 PM. The honorable minister for Education, Govt. of Kerala, Prof. C Ravindranath, inaugurated the function. The UGC representative Sri. Gurbachan Singh was present on the occasion. The Auxillary Bishop of Thiruvananthapuram Arch Diocess His Excellency Samuel Mar Irenios was present on the occasion. Pricipal Rev. Dr. Gigi Thomas, Bursar Fr. Joshua Kochuvilayil and HoD of Physics Dr. Shyla Joseph were present on the occasion.



Fourty one studetns from various schools were admitted for the programme and 11 classes were conducted from March 2017 to January 2018 on all second Saturdays. A study tour was conducted on 9/12/2017 and the students visited the the Mini Hydro Electric Power plant at Meenmutty, the Science and Technology Museum and the Planatarium.

The valedictory fuction was conducted on 24/2/2016. Science Genius award was presented to Mr. Adithyan K of Mahatma Gandhi Memorial School and Best teacher faciliator award was presented to III Year BSc Physics Student Mr. Sumesh S.

