

ASSOCIATION REPORT 2018-2019

The Department of Physics has a tradition of being one of the most scientifically outstanding and productive departments of Holy Cross College. The Holy Cross Physics Association is an association explicitly designed for students. Dr. J. Emima Jeronsia and Ms. I. Arockia Mary took charge as the staff secretaries for the academic year 2018-19. A business meeting was held on 4th July 2019 and the following students were selected as office bearers.

S. Raji- III B.Sc Physics- President

T. Sindhuja – II M.Sc Physics- Vice President

HingiesMonisha- I M.Sc Physics- Secretary

The activities of the Physics Association for the academic year 2018-19 was inaugurated by Dr. R. Suguraj Samuel, Assistant Professor of Physics, New College, Chennai on 9th July 2018. He gave a talk on “Innovative technologies and Role of Physics”.





On 10th July 2018 a renowned Indian Physicist Dr. Sebastin Lourdudas from School of Engineering Sciences, KTH institute Sweden gave a lecture on the topic “Photonics” which was enlightening and enriching.





To inculcate the basic human values in students a session on the importance of human values for the students was organized on 23rd August 2018. Dr. A. John Peter, Dean- Academics and Associate Professor, Human Resource Management, JIM, Trichy was the Chief Guest.



The Physics Association successfully hosted the mega intercollegiate event of the Department –HYPHY'18 on 10th September 2018. There were about 230 participants from 13 institutions. Jamal Mohammed College lifted the Overall Championship.





As a part of Skilled based Elective course: Physics For life Science a field visit to GVN Hospital and AG eye Hospital was arranged for II B.Sc Zoology and III B.Sc Botany students on 15th, 16th and 27th September 2018.



Parents-teachers meeting were organized on 20th September 2018.

On 9th October 2018, The Department of Physics signed a MoU with Shell Industries, Trichy. A leading Solar Cells and Inverters manufacturing Company.

As a follow up of the MOU signed with SHELL Industries, Trichy two hands on training sessions were conducted for the undergraduate students on 31st January and 11th February 2019. The resource person demonstrated the troubleshooting of commonly used day-to-day household equipments like inverter, induction stove and stabilizers.



To improve the interview facing skill of the students, a session on the topic “Road to Success” was organized by the department on 22nd October 2018. Mr. I. Gnanaseelan, Motivational Speaker and HRD trainer was the Chief Guest.



On 27th October 2018 Physics Alumina Homecoming-18 was organized by the department nearly 20 alumni from different batches graced the occasion and shared their memories.





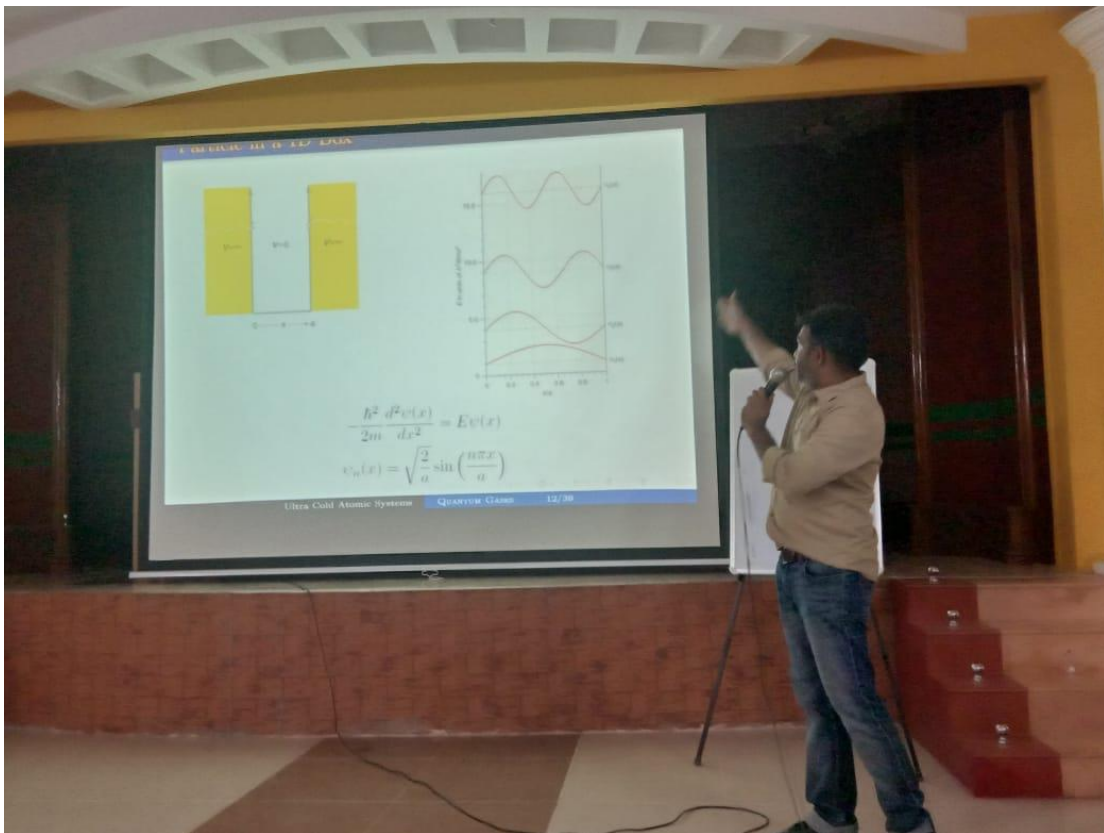
On 23rd October 2018, a field to trip to Coimbatore G.D. Naidu Science Museum for II M.Sc students was organized. On the same day the III B.Sc physics went on an educational tour to Bengaluru and Mysuru, where they visited, Museums, Palaces and Bird Sanctuary.





On 10th December 2018, Dr. Kishor Kumar, CNPQ, Post-Doctoral Research Fellow from Brazil gave a talk on “Ultracold Quantum Gases”.





On 20th January 2019 National Graduate Physics Examination was conducted for the undergraduate students by the Indian Association of Physics Teachers.

In the month of January our department faculty members took the initiative to train students for JAM/ JEST/ NET/ SLET exams. A time table arranged and different topics were assigned to individual staff members and everyday throughout the month classes were taken for students who plan to take up the exams.





In celebration of National Science day an interdepartmental science quiz competition was conducted for the UG students of all science departments on 12th February 2019. 15 teams from various department participated. 3 teams from the department of Chemistry, Physics and Mathematics were selected for the finals on 28th Feb. 2019.



A two-day National Seminar on the topic “Frontiers in geophysics and Climate Change” was organized by the department on 21st and 22nd February 2019 -Sponsored by DST SERB. The Seminar was inaugurated by Dr. S. R. Ramanan, Meteorologist, Former director cyclone warning center, Chennai, followed by invited talks given by scientist, academicians and researchers in the field of geophysics and Climatology. A poster presentation competition was conducted in

which students from various colleges participated and won prizes. Dr. T. Vasantha Kumaran, Former Associate Professor and Head, Department of Geography, University of Madras Chennai gave the valedictory address.



