

Report on the Two-Day Workshop on ExpEYES

Organized by: The Department of Physics & IQAC & Science Forum, KKTU Govt. College

In Association with: Academy of Physics Teachers (APT) Kerala

(12th and 13th January 2024)

The Department of Physics at KKTU Govt. College, in association with the Academy of Physics Teachers (APT) Kerala, successfully organized a two-day workshop on ExpEYES on the 12th and 13th of January 2024. The workshop aimed to enhance the understanding of experimental physics among faculty members and students while providing hands-on experience with the home laboratory equipment, ExpEYES. The workshop saw active participation from **17 faculty members and 33 enthusiastic students from various colleges.**



Principal Dr. Bindu Sharmila T K, Dr. Lovely George (HOD Physics & IQAC Coordinator of the College), Smt. Raga Menon (Science Forum member & Assistant Professor Botany), Sri. Arun V (Assistant Professor, Physics) & Dr. Dhanya N P (Coordinator & Assistant Professor Physics) felicitated the inaugural function.

Dr. Ajithkumar T B, Scientist H (Retired), Inter University Acceleration Centre, (IUAC), Delhi & Dr. Abdulla K K, Former HOD of Physics, Farook College, Calicut served as the esteemed resource persons for the two-day workshop on ExpEYES organized by the Department of Physics, IQAC & Science Forum, KKTU Govt. College, in association with the Academy of Physics Teachers (APT) Kerala, held on the 12th and 13th of January 2024. Their extensive knowledge and experience greatly contributed to the success of the workshop, enriching the learning experience for all participants.

The workshop began with an introduction to ExpEYES, a versatile open-source science equipment developed for experiments in physics, electronics, and computer science. Participants were provided with their own ExpEYES kits, allowing them to engage in practical experiments immediately. Throughout the two days, participants were guided through a series of experimental sessions that covered a wide range of physics concepts. These experiments included studies in mechanics, electromagnetism, optics, and electronics, allowing attendees to gain practical insights into these fundamental areas of physics.

There was a presentation session at the end of the program in which participants showcased their projects using the ExpEYES kit. All participants were given participation certificates. An essential aspect of the workshop was encouraging students to design their experiments using ExpEYES. This hands-on approach allowed them to apply their theoretical knowledge and creativity, fostering a deeper understanding of physics concepts. The knowledge and skills acquired during the workshop are expected to have a lasting impact on the participants' academic and research endeavors. This event stands as a testament to the college's commitment to promoting excellence in the field of physics education.

Date & Venue : 12th & 13th, KKTU Govt. College

KKTM Govt. College, Pullut, Thrissur
(NAAC Re- accredited ' A grade' College)
Department of Physics, IQAC & Science Forum
In association with Academy of Physics Teachers, Kerala

Organise

A Two-Day workshop on ExpEYES

12th & 13th January 2024


Resource Persons

Dr. Ajith Kumar B P
Scientist- H(Rtd.), IUAC, New Delhi
& Dr Abdulla K K (Former HoD of physics)
Farook college , Kozhikode

[Click here to register](#)

Seats are limited to 40

[Click here](#) to know more about the ExpEYES workshop



BROCHURE



INAUGURAL SESSION



Workshop



Presentation session of the participants

