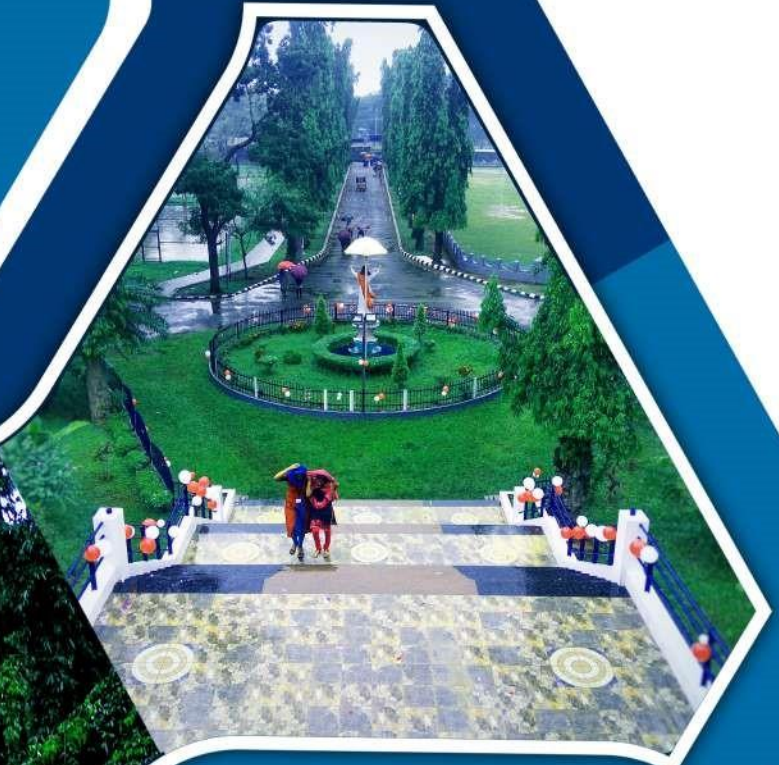


FATIMA MATA NATIONAL COLLEGE

AUTONOMOUS

(Reaccredited with 'A' Grade by NAAC)
Affiliated to University of Kerala



3.6.1 Ozone Day Celebrations 2018

IQAC INTERNAL QUALITY ASSURANCE CELL

WORLD OZONE DAY CELEBRATION-18-09-2018

Venue: JUBILLE HALL, FMN COLLEGE, KOLLAM

Speaker: Dr. Rubin Jose, Convenor, Science club

Topic: OZONE LAYER DEPLETION- HARMFUL EFFECTS

OZONE LAYER DEPLETION- HARMFUL EFFECTS

Ozone layer, also called **ozonosphere**, region of the upper atmosphere, between roughly 15 and 35 km (9 and 22 miles) above Earth's surface, containing relatively high concentrations of ozone molecules (O₃). Approximately 90 percent of the atmosphere's ozone occurs in the stratosphere, the region extending from 10–18 km (6–11 miles) to approximately 50 km (about 30 miles) above Earth's surface. In the stratosphere the temperature of the atmosphere rises with increasing height, a phenomenon created by the absorption of solar radiation by the ozone layer. The ozone layer effectively blocks almost all solar radiation of wavelengths less than 290 nanometres from reaching Earth's surface, including certain types of ultraviolet (UV) and other forms of radiation that could injure or kill most living things.

We *can* reduce global warming emissions and ensure communities have the resources they need to withstand the effects of climate change—but not without you. Your generous support helps develop science-based solutions for a healthy, safe, and sustainable future.

