



ESTD:1817

CMS
COLLEGE
KOTTAYAM
(AUTONOMOUS)

DEPARTMENT OF PHYSICS

Undergraduate Programme:
B.Sc. Physics

(Honours/Honours with Research)

Specialisation in
Computational Physics

Postgraduate Programmes:

M.Sc. Physics

Specialisation in Materials Science

M.Sc. Applied Physics

Specialization in Photonics

Ph.D. in Physics

Why Choose Physics
at CMS College?

- Strong academic curriculum
- Strong academic mentorship
- Laboratory Facilities in experimental and computational physics
- Interdisciplinary Research Focus in Material Science, Renewable Energy and Machine learning.
- National and International Academic Collaborations
- Excellent Placement Opportunities

APPLY NOW

THROUGH THE COLLEGE WEBSITE
www.cmscollege.ac.in

*Illuminating Minds,
Empowering Innovations in Physics*

Career Pathways in Physics

- **Higher Studies: M.Sc. | M.Tech. | Ph.D.**
Fields: Physics, Photonics, Nanoscience, Data Science, Oceanography, Astrophysics, Statistics etc...
- **Research Careers:** National labs (CSIR, DRDO, ISRO), universities in India and abroad.
- **Tech Careers:** Build careers in Data Science, Computational Physics, Artificial Intelligence, Scientific Instrumentation, bridging physics with modern technology.
- **Industry Opportunities:** Enter sectors such as Electronics, Semiconductor Technology and Renewable Energy.
- **Space & Defense:** Be part of prestigious organizations like ISRO, BARC, Defense Research Labs and Aerospace Industries.
- **Academic Careers:** Shape future generations as Lecturers, Assistant Professors, and Research Mentors and teachers in reputed institution.



86th RANK
NIRF RANKING 2025

13th RANK
KIRF RANKING 2025



**Dr. Veena V. S.**

Faculty Member, Tata Institute of Fundamental Research (TIFR)

From childhood, I dreamed of pursuing astronomy, and joining the Physics Department at CMS was a meaningful first step. I am deeply grateful for how the department shaped me through its academic freedom, guidance, and encouragement, especially through the George Sudarshan Centre for Physics. Interactions with visiting scientists broadened my perspective and the opportunity to interact with and interview Prof. E. C. George Sudarshan himself remains one of my most memorable and inspiring experiences. I remain thankful that this journey has led me to a faculty position at TIFR.

**Sebin K. Binu**

Marie Skłodowska-Curie Fellow, Doctoral Student,
Technical University of Vienna

I completed my Bachelor's and Master's degrees in Physics at CMS College Kottayam during the period 2019–2024. The guidance I received from the department faculty, along with the encouragement of my classmates, played a significant role in both my academic achievements and personal development. With their support, I was able to secure a doctoral position funded by the Marie Skłodowska-Curie Actions. The memories I carry from the college continue to inspire and motivate me to face challenges in my current endeavors.

**Naveena R. Thomas**

Doctoral Student, University of Houston, USA

My years at CMS College were crucial in shaping my academic and personal growth, building a strong foundation in physics. I am deeply grateful to the Department of Physics faculty for their constant support and guidance. As I pursue my PhD with a teaching assistantship at the University of Houston, I recognize that the education and mentorship I received at CMS have been instrumental in reaching this stage. I sincerely value the lasting impact the college has had on my life.

**Arun Remanan**

Doctoral Student, IISER, Thiruvananthapuram

My two years (2022-24) at CMS College were a defining phase in my life, contributing not only to my academic growth but also to my personal development. The faculty were highly supportive and consistently provided guidance throughout this period. Their mentorship played a key role in helping me qualify for the CSIR-UGC NET JRF. I am currently pursuing my PhD at IISER Thiruvananthapuram.

**Kanive Mathew**

CSIR NET-JRF (2025)

CMS College Kottayam, provided me with an environment where physics was approached with clarity and depth rather than memorization. During my M.Sc., this emphasis on fundamentals and problem-solving helped me develop the perspective required to qualify CSIR NET-JRF, JEST and GATE. I am grateful to the faculty for their constant support and for shaping my academic direction.