

**POSTGRADUATE AND RESEARCH
DEPARTMENT OF PHYSICS**

**21, 22, 25
February**

2022

ANNUAL RESEARCH CONFERENCE



Dr. Pradeep K R



Dr. S. Sunil Kumar



Dr. Syam Mohan



In association with IQAC

MAHATMA GANDHI COLLEGE

Pattom, Thiruvananthapuram -04

To join online, use <https://meet.google.com/toq-mthe-tfq> or scan QR code

10 – 11 AM Inaugural Session

Welcome: Dr Prasanth C S
(Research Coordinator, Dept of Physics)

Presidential Address: Dr Padmakumar H (HoD, Dept of Physics)

Inaugural Address: Dr Ampili M (Principal)

Felicitation: 1. Dr Chithra V S (Coordinator, IQAC)
2. N K Sunil Kumar (Secretary, College Council)

Vote of Thanks: Dr K G Simi

11 – 12.30 PM Technical Session – 1

Brief introduction to Speaker: Dr J M Raj

Keynote Address: **“Opportunities and Challenges in Quantum Dots”**

Speaker: Dr Pradeep Kodimana Ramakrishnan
Post Doctoral Researcher
Department of Materials in Electrical Engineering
Universität Duisberg-Essen
Duisberg, Germany

Vote of Thanks: Dr Vaisakhan Thampi D S

10 – 11.30 AM Technical Session – 2

Brief introduction to Speaker: Dr Prasanth C S

Title: Ultrafast laser resection of colon tissue in an animal model and fluorescence imaging of microbes

Speaker: Dr Syam Mohan

Device Engineering Research Associate in Frugal
Medical Devices

Centre for Inflammation Research
University Edinburgh, UK

Vote of Thanks: Dr Sujatha Lekshmy

10 – 11.30 AM Technical Session – 3

Brief introduction to Speaker: Dr Prasanth C S

**Title: A story of mysterious molecules in space - the diffuse
interstellar bands**

Speaker: Dr S Sunil Kumar

Assistant Professor
Department of Physics
IISER Tirupati, India

Vote of Thanks: Dr K G Simi

11.45 - 12.30 PM Valedictory Session

Welcome:	Dr Vaisakhan Thampi D S
Presidential Address:	Dr Padmakumar H
Inaugural Address:	Dr Ampili M (Principal, MG College)
Special Invitee:	Dr Gopakumar N (Controller of Examinations, University of Kerala)

Vote of Thanks: Dr Prasanth C S