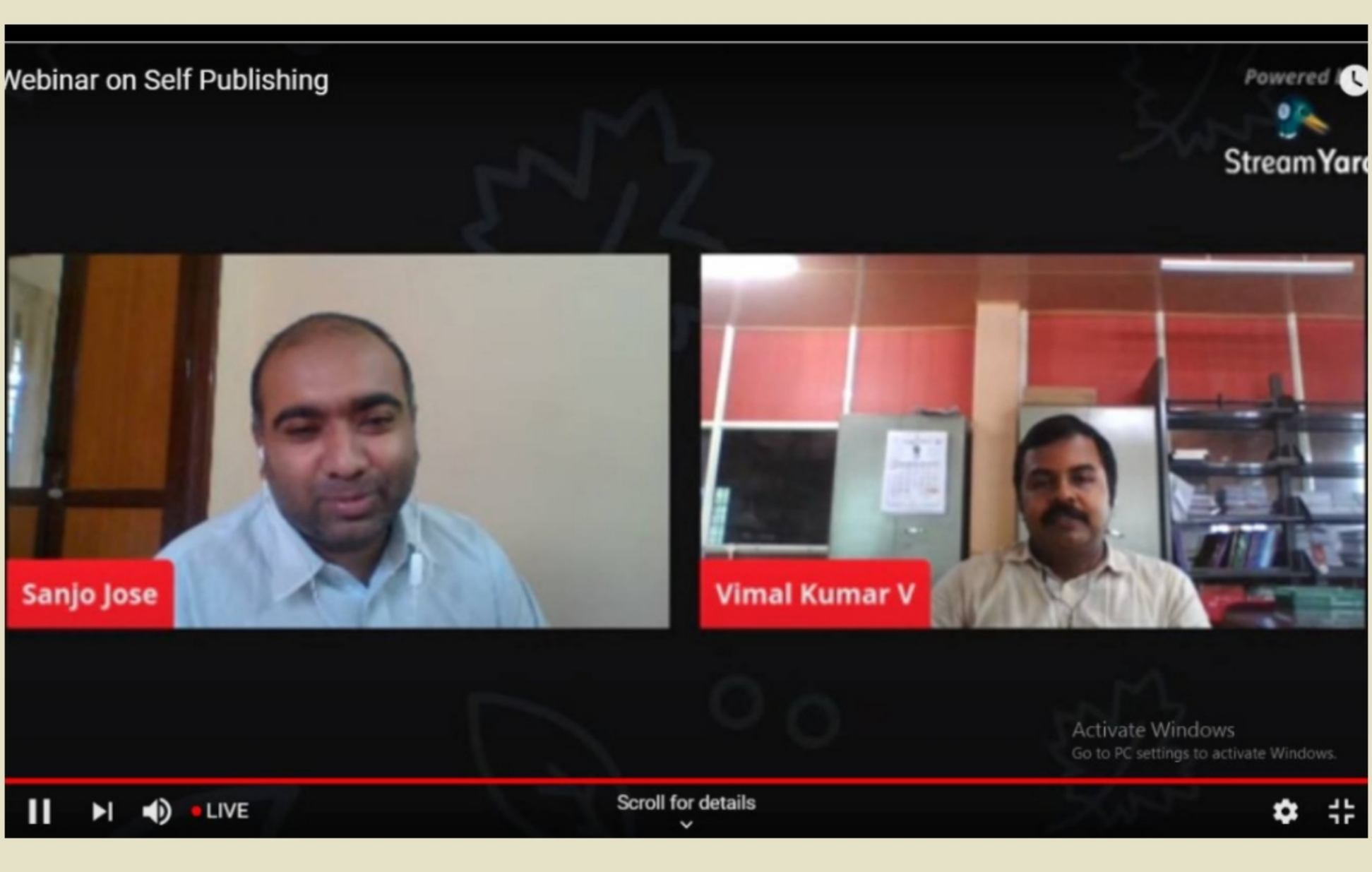
19 JUNE 2020

ST THOMAS'COLLEGE (AUTONOMOUS), THRISSUR
NEWSLETTER

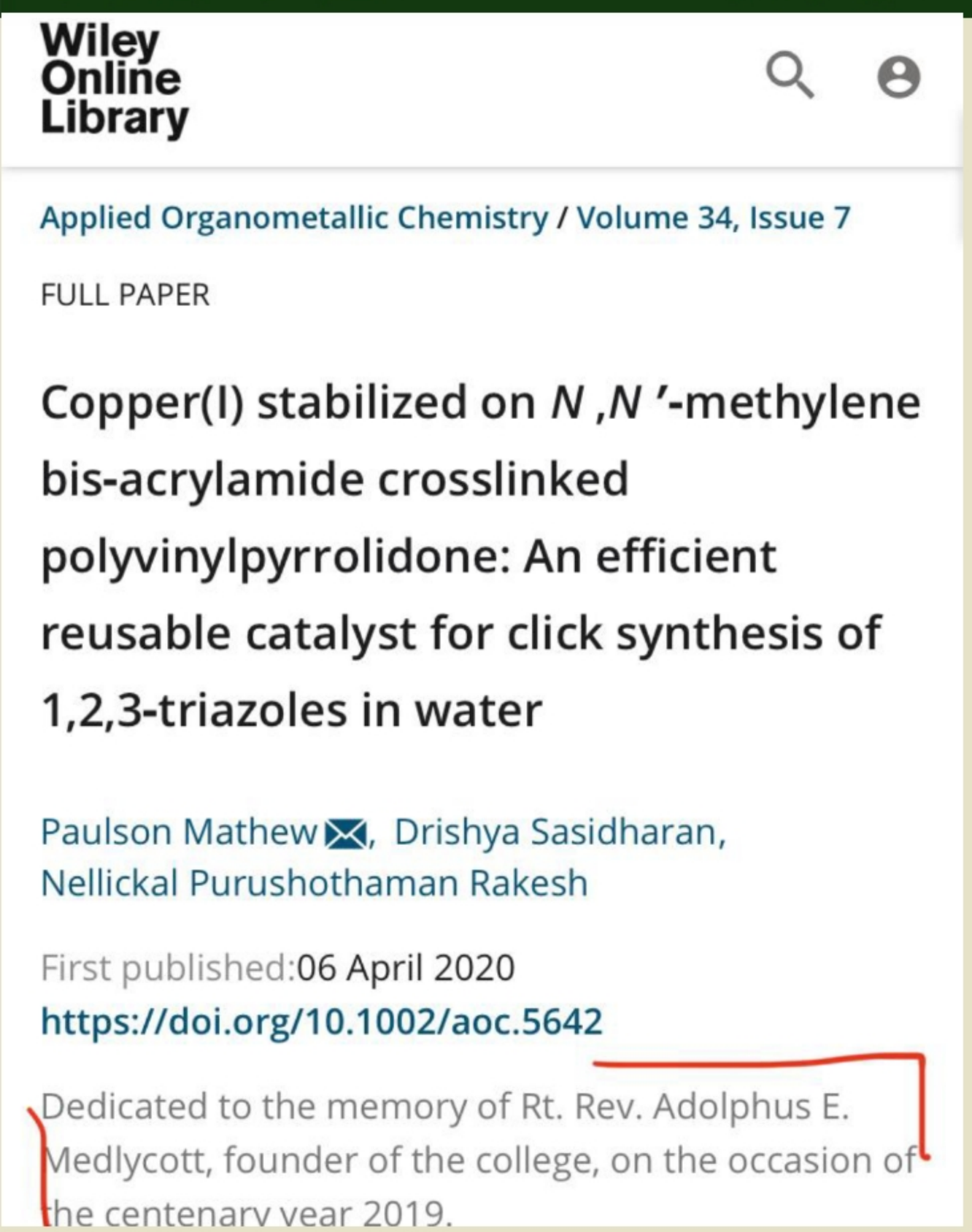


DEPARTMENT OF LIBRARY AND INFORMATION STUDIES OF OUR COLLEGE CONDUCTED A WEBINAR TODAY ON SELF PUBLISHING. SHRI.VIMAL KUMAR V, MG UNIVERSITY, KOTTAYAM WAS THE RESOURCE PERSON.

Department of Hindi,
St. Thomas College
(Autonomous), Thrissur, Ker
ala is organizing a *National
Webinar* on the theme "
पर्यावरण सुरक्षा और नियम"
DATE : 24 June 2020
TIME: 2.00 PM to 3.00 PM

Shri Kamlesh Kumar Singh,
Judicial Magistrate First Class,
Bihar Judicial Service, will be
the Resource person

For Registration fill the online
form given in the link below:
https://forms.gle
/QWLDGnzHNML8ityq8



Dr. Paulson Mathew,
Department of Chem
istry published a paper
in Wiley Online Library's
journal Applied Organo
metallic Chemistry,
Volume 34, Issue 7.

SUBJECTS

Agriculture & Allied Sciences
Allied Health
Animal Studies & Veterinary Sciences
Anthropology
Archaeology
Bioinformatics
Biology
Biomedical Engineering/Nanotechnology
Biotechnology
Business Management
Chemical Engineering
Chemistry
Chemoinformatics
Computer Science & Information Management
Economics & Finance
Education
Electronics and Communications Technology
Energy Science
Engineering
Environmental Health
Environmental Science/Climate Change & Mitigation
Fisheries Science & Marine Biology
Food Chemistry & Science
Hospitality & Tourism
Library & Information Science
Materials Science
Mathematics
Mechanical Engineering
Media & Communications
Medicine & Health Sciences
Nanomedicine
Nanotechnology
Nutrition, Dietetics & Health
Pharmaceutical Science & Technology
Physics
Plant Science & Botany
Polymer Science
Psychology, Psychiatry & Mental Health
Security & Disaster Management
Social Work & Social Welfare

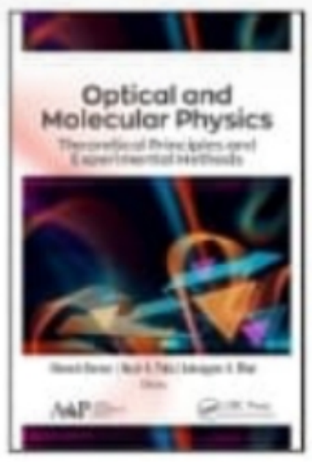
Physics

Optical and Molecular Physics

Theoretical Principles and Experimental Methods

Editors: Miguel A. Esteso, PhD
Ana Cristina Faria Ribeiro, PhD
Soney C. George, PhD
Ann Rose Abraham, PhD
A. K. Haghi, PhD

Ordering Info/Buy Book



In Production
Pub Date: August 2021
Hardback Price: $229.95 US | £177.00
Hard ISBN: 9781771889834
Pages: Approx. 514p w/index
Binding Type: Hardback
Notes: 100 b/w illustrations

Optical and Molecular Physics: Theoretical Principles and Experimental Methods addresses many important applications of and advances in the field. The book is divided into 5 sections:

- Plasmonics and carbon dots physics with applications
- Optical films, fibers, and materials
- Optical properties of advanced materials
- Molecular physics and diffusion
- Macromolecular physics

The volume also looks at optical materials in the development of composite materials for the functionalization of glass, ceramic, and polymeric substrates to interact with electromagnetic radiation. The book presents state-of-the-art research in the preparation methods, optical characterization, and usage of optical materials and devices in various photonic fields. It integrates materials science with other engineering subjects, such as physics, chemistry, and electrical engineering. The authors discuss devices and technologies used by the electronics, magnetics, and photonics industries and offer perspectives on the manufacturing technologies used in device fabrication.

Weaving together science and engineering aspects, this book maintains a careful balance between fundamentals and technological aspects to cover applications for a variety of fields. The volume will be an invaluable resource that offers a broad selection of information and research on key ideas, formulae, techniques, and results in optical and molecular physics.

CONTENTS:

Dr. Ann Mary and Dr. Johns Naduvath, Department of Physics published a chapter in the book "Optical and Molecular Physics".

Dr. Viju M J, Department of English has been inducted to the Board of Studies, Bharatiar University.