Modern Optics

108

Dr. Ravindra Damodar Mane



Dr. Ravindra Damodar Mane

Associate Professor, Department of Physics, Jaysigpur College, Jaysingpur.

Educational Qualification: B.Sc.(Physics) [Develand College, Arjunnagar, M.Sc.(Physics) [Shivaji University, Kolhapur], M.B.A.(HR) [YCMOU, Nashik]. Ph.D.(Physics) [Shivaji University, Kolhapur]

Research Publications:

- The Characterization of Electrodepoisted YSe Thin Films by using Double Exposure Holographic Interferometry Technique.
- 2. The Study of electrodeposited PbS thin films using Double Exposure Holography Interferometry technique.
- 3. Determination of intrinsic stress due to Lead Selenide thin films using Double Exposure Holographic Interferometry.
- 4. The study of electrodeposited PbS thin films using Double Exposure Holography Interferometry technique.
- 5. Synthesis and Characterization of PbSe thin film by using Double Exposure Holography Interferometry (DEHI).

Attended number of National and International conferences and seminars.

Recognized guide for M.Phil and Ph.D. students of Shivaji University, Kolhapur.

Honours/Rewards: Distinguished Researcher Award issued by MDIS Singapore in 2017.

Residence: SONAI, Plot No.5, Warekar colony, Near Soujanya Housing Society, Jaysingpur. Tal-Shirol, Dist.-Kolhapur. Pin: 416101.

Email(s) and contact number(s); drmanerd@gmail.com - 7588260164.

Contents

Introduction • Reflection • Refraction • Interference • Diffraction • Polarisation • Mirrors and Visual Effects • Single and Double Slit • Wavelengths • Ultraviolet • X-Rays • Geometrical Optics and Newton's Laws • Lenses • Ray Optics



Shubham Publications

- 3A/128, 1st Floor, Hanspuram Kanpur 208021, UP (India) shubhampublicationskanpur@gmail.com www.shubhampublication.com



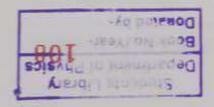








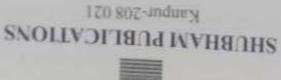
Modern Optics



Associate Professor Dr. Ravindra Damodar Mane

Jaysingpur College, Jaysingpur Department of Physics





All rights reserved. No part of this publication may be reproduced, all rights reserved. No part of this publication may form or by any stored in a retrieval system or transmitted, in any form or by any stored in a retrieval system or transmitted, in any form or by any means, mechanical, photocopying, recording or otherwise, without means, mechanical, photocopying, recording the publishers.

Modern Optics

Author:

Dr. Ravindra Damodar Mane

Price: ₹1995/-

ISBN: 978-93-92417-11-5

First Published: First, 2022

©Author

Composed by: Rudra Graphics, Hanumant Vihar, Kanpur-21
Cover Design: Gaurav Shukla, Naubasta, Kanpur-21
Printed by: G.K. Fine Arts, New Delhi-02

Published By: SHUBHAM PUBLICATIONS

3A-128, Hanspuram, Kanpur
Kanpur Nagar - 208021 (U.P.) India
Email: shubhampublicationskanpur@gmail.com
Website: www.shubhampublications.com