



# Shri Shivaji Education Society Amravati's Shri Shivaji Science & Arts College Chikhli, Dist. Buldana- 443201(MS).



## **Department of Physics**

#### Report on C.V. Raman Lecture Series on Modern Physics

1) Title of the Activity: C.V. Raman Lecture Series on Modern Physics

**2) Date:** From 22/02/2021 to 27/02/2021

3) Notice: A leaflet is distributed through WhatsApp Organizer: Dr. A. M. Garode (Principal)

**4) Convener:** Mr. N.B. Thakre

5) Co-ordinator: Dr. V.B. Huse, Dr. P.P. Padghan, Dr. D.N. Bhoyar and Dr. P.B. Nalle

**6) No of Participants:** 78

7) Activity Report:

On the occasion of National Science Day, C. V. The Raman online lecture was organized by the Department of Physics, Shri Shivaji Science and Arts College, Chikhli, Dist.-Buldana from 22/02/2021 to 27/02 2021. The purpose of this lecture series was to acquaint the students with the basic and innovative concepts of modern physics.

The lecture series was inaugurated by the principal of the college, Dr. A. M. Garode. In his inaugural address, he emphasized the importance of science in modern life. In introductory section of this lecture Prof. N. B. Thakre height lighted C. V. Dr. Raman's autobiography and his contribution to physics. Dr. B. Nalle shed light and vote of thanks given by Dr. Dhananjay Bhoyar. A total of six guest lectures were conducted in this lecture series. In the first lecture, Dr. Rajendra Joshi (Toshniwal College, Sengaon, Dist. Hingoli) guided students on Maxwell Equation and Its Application. In the second lecture, Dr. Nikhil Bhagat (M.S.P. College Manora, Dist. Washim) delivered lecture on Quantum Mechanics. In the third lecture, Dr. Vishnu Huse (M. G. S. M. College, Chopda, Dist. Jalgaon) gave in-depth information on the subject of Introduction of Crystal Structure.

In the fourth lecture, Dr. Pankaj Khirade (Shri. Shivaji Science College, Amravati) imparted in- depth information on Nanotechnology to the students. In the fifth lecture, Dr. S. Tamgadge (Mahatma Phule College, Warud, and Dist. Amravati) guided students on Atomic and Molecular Physics. In the final lecture, Dr. Bhagwan Toksha. (M.I.T. College of Engineering, Aurangabad) provided guidance on Super Conductivity.

This lecture series was responded spontaneously by B.Sc. students. For the success of this lecture series, Dr. Prafull Padghan, Dr. Vijay Huse, Mr. Anil Bahekar and Rahim Sheikh worked hard.

#### Evidence of Success/Supporting Documents:

#### 1) Newspaper Cuttings:



### बुधवार ३ मार्च २०२१ 3 श्री शिवाजी महाविद्यालयात सर सी. व्ही. रमन ऑनलाइन व्याखानमाला संपन्न

হিবালী/মানিশামীঃ ভথানিক (সিয়ালা বিহালে ও কানা গ্রহাইবালান বিবালী, কি প্রভারনা, নাম বাল্লীয় ইয়ালা বিশাস প্রচিত্যালা হালার চিলাক বর/এই/২০৭ বি ২০/৩২ ২০২৭ বা ভানালাকীয় অনুনিক পানিকারক বা চিলাকার কা না, বাই লাল মানিকার্য আহমেশালা কর্নিকারকার হিলাকার্যকার কা লালায় মান্তর্কার বাহমেশালা কর্মিকারকার ক্লান বা নাম কান্তর্কার বিশ্বাসকার নাইকার বিশ্বাসকার ক্লান ক্লানী হা বা কান্তর্কারকার মান্তর্কার বিশ্বাসকার ক্লানা ক্লানী হা বা কান্তর্কারকার মান্তর্কার বিশ্বাসকার বা

वरश्यानमधीय आदेश होता.

का व्यान्त्रभावनारोचे व्याप्यान महाविद्यालायो वाचार्य क्षं

ह. एवं. शार्वेत कर वाची केले. काण्या प्रकृत्य कर पाक्षाण प्रशेषी आधुनिक वीवन्यतील मिक्रानाचे प्रशं प्रश्य प्रश्य प्रमुख्य प्रश्य प्रश्ये कर्म केले. कर ती हो एका कांच्य क्रीकार कर तथा विद्याला कर्म कर तथा विद्याला कर्मित कर तथा विद्याला कर्मी कर्म कर तथा विद्याला कर्मित कर्म कर व्यावला कर्मित कर्म कर्म कर्म कर तथा विद्याला कर्मित कर्म कर व्यावला कर्म कर्म कर्म कर वाची कर तथा कर्मित कर तथा कर्मित कर्म कर व्यावला कर्मित क्ष्म कर व्यावला कर्मित क्षा क्ष्म कर विद्याला कर्मित क्षा क्ष्म कर विद्याला कर तथा क्ष्म कर विद्याला कर तथा क्षम कर व्यावला कर तथा क्षम कर विद्याला कर तथा क्षम कर विद्याला कर तथा क्षम कर तथा कर त

पार्ट्यने केले. जीता जहारता घरनारथी हो, पराया दोशा (पर क्या हो, जरिवाडिकी सहविद्यालय, जरेसाबाद) योगी सुरस कहाविद्योदी या विश्वास्त्र वार्गाद्यने केले. या पार्ट्यान्यालेला पहाचिद्यालयातील की एरसी, परा विद्यार्थ्याने वार्ल्या प्रतिकाद दिला या वार्व्यान्यालेखा यान्यनेतेस्त्राले याजी प्रमुख कार्यान, प्रति विश्वय हुने, या प्रशासायकांची व भी जनित बाहेबल आणि हुनेन होड़ या कार्यकारी हुनेनी सहस्रात्र केले.

#### 2) Lecture Series Leaflet:

	Shri Shivaji Scie	tion Society Amravati's nce & Arts College, bist. Buldana
C. V. Rar		on Concepts of Modern Physics
		National Science Day
From 22/02/2021 to 27/02/2021, Time: 10:00 AM Organised By Department of Physics		
Date	Topic	Resource Person
22/02/2021	Maxwell's Equations	Dr. Rajesh Joshi, Toshniwal, Arts , Commerce and Science College, Sengaon, Dist-Hingoli
23/02/2021	Quantum Mechanics	Mr. Nikhil Bhagat, M.S.P. Arts, Science & K.P. T. Commerce College, Manora, Dist. Washim
24/02/2021	Introduction to Crystal Structure	Dr. Vishnu Huse, MGSM's Arts Commerce and Science College, Chopda, Dist-Jalgaon.
25/02/2021	Nanotechnology	Dr. Pankaj Khirade. Department of Physics, Shri Shivaji Science College, Amravati
26/02/2021	Introduction to Atomic Physics	Dr. Y. S. Tamgadge Mahatma Fule Mahavidyalaya, Warud, Dist. Amravati.
27/02/2021	Superconductivity	Dr. Bhagwan Toksha, MIT engineering College, Aurangabad
Note: e-certific	ate will be issued to those st	tudents who will attend minimum 5 lectures.
Organizer Dr. A. M. Garode (Principal)		Convener Mr. N. B. Thakare HOD, Department of Physics
Co-ordinator Dr. V. B. Huse		Co-ordinator Co-ordinator Dr. P. B. Nalle Dr. P. P. Padghan

# 3) Feedback & Action Taken: Feedback: How do you rate the relevancy of the theme of the Lecture series? 68 responses Option 1 Most Relevant Relevant Satisfied Less Relevant How do you rate the relevancy of the theme of the Lecture series? 68 responses Option 1 Most Relevant Relevant. 23.5% Satisfied Less Relevant How do you find the content of this Module? 59 responses Excellent Wery Good Good G Satisfactory 42.4% How do you rate the quality of the delivery of the module by the resource person? 59 responses Extremely Effective Very Effective Somewhat Effective Slightly Effective

#### 4) Action Taken:

- i) It is decided to organize C. V. Raman Lecture series on the occasion of the National Science Day.
- ii) The principal, head of the department and faculties of physics are the committee members for lecture series.
- iii) The smooth execution of the webinar is required so work of webinar is distributed among the committee members.
- iv) A leaflet of the workshop was prepared by Dr. D. N. Boyar and posted on WhatsApp group of the college and different groups of the students.
- v) The interested students registered for the program through online Google form.
- vi) This lecture series were conducted for six days and six resource persons deliveredonline lectures.
- vii) The lecture series helps to student about the basic knowledge in the area of nanotechnology, superconductivity atomic and molecular physics etc.

viii) Feedbacks of participants were collected through online Google form analysed.

Head of Physics Department 8hrl Shivaji Science & Arts Colf CHIKHLI School Barrier

Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana