



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:



2) Lecture Series Leaflet:



Shri Shivaji Education Society Amravati's
Shri Shivaji Science & Arts College,
Chikhli, Dist. Buldana



C. V. Raman Lecture Series on Concepts of Modern Physics
On the Occasion of 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, Sengaoon, 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

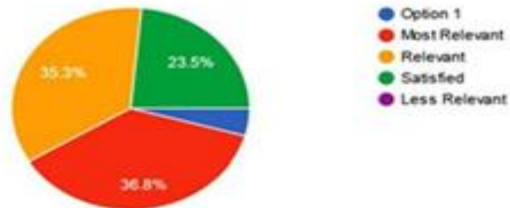
Note: e-certificate will be issued to those students who will attend minimum 5 lectures.

Organizer Dr. A. M. Garode (Principal)		Convener Mr. N. B. Thakare HOD, Department of Physics	
Co-ordinator Dr. V. B. Huse	Co-ordinator Dr. D. N. Bhojar	Co-ordinator Dr. P. B. Nalle	Co-ordinator Dr. P. P. Padghan

3) Feedback & Action Taken: Feedback:

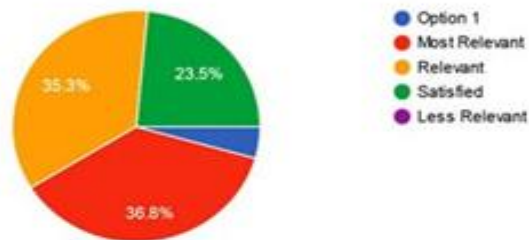
How do you rate the relevancy of the theme of the Lecture series?

68 responses



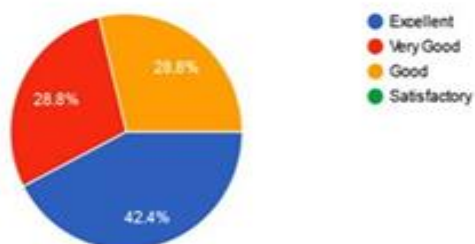
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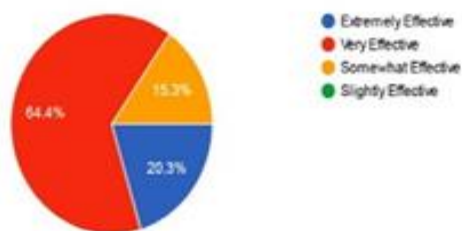
How do you find the content of this Module?

59 responses



How do you rate the quality of the delivery of the module by the resource person?

59 responses



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 delivered online 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
Shri Shivaji Science & Arts Coll
CHIKHLI




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