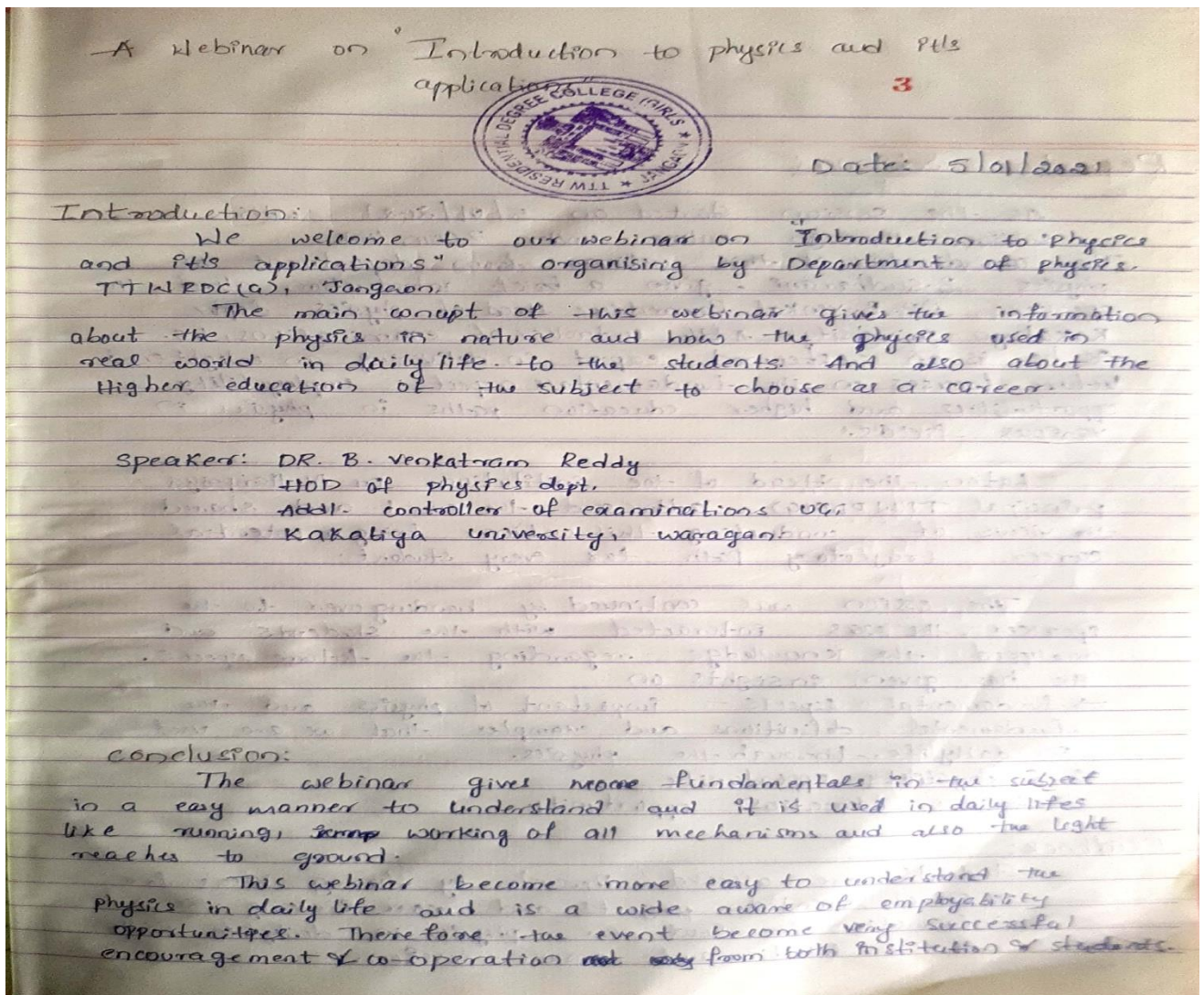


GOVERNMENT OF TELANGANA STATE

TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE
COLLEGE (G) Janagaon, Janagaon-DIST.
EmailId:ttwrdcgirls.janagaon@gmail.com

Webinar on
Introduction to Physics and its Applications
ACADEMIC YEAR : 2020-21



Report on webinar:

As the session started on 5/01/2021 with session through online under Zoom link. The co-ordinator of this webinar from department of physics B. Sudharani, given a brief introduction about the speaker DR. B. Venkat Rammeddy, Head of physics dept, Kakatiya university, Adil. controller of examinations, UG. As he is an esteemed expert in delivering an enlightened lecture focuses on the fundamental aspects, employability opportunities and higher education paths in physics in various fields.

Later, the Head of the institution, Dr. M. Hanumanth Rao, principal TWRDGIQ, addressed the event and shared the views of conducting this webinar being a potential career trajectory path for every student.

The session was continued by handing over to the speaker. He was interacted with the students and analyzed the knowledge regarding the future aspects. He has given insights on

- ⇒ fundamental aspects - important of physics and the fundamental definitions and examples that are used in daily life through the physics.
- ⇒ Employability opportunity
- ⇒ Higher education opportunity.

Feedback:

Students were assessed through by sharing ideas for research oriented projects and more seeking the information for about the physics in daily life with some question and answer session.



Their feedback was very positive.

Attendance Attendance

- 1) A. Potameela
- 2) B. Bhuvareshwari
- 3) B. Nistosh
- 4) B. Sravani
- 5) B. Anusha
- 6) B. Radhika
- 7) B. Sujatha
- 8) B. Anapna
- 9) B. Vijaya
- 10) A. Saijanya
- 11) B. Chandhana
- 12) B. Divya
- 13) B. Soubhavya
- 14) B. Ashwarya
- 15) A. Chirisha
- 16) A. Sravani
- 17) A. Sindhu
- 18) B. Roshini
- 19) B. Anuna
- 20) B. Kalpana
- 21) B. Rajeshwari
- 22) B. Chirisha
- 23) B. Swathi
- 24) A. Nandini
- 25) B. Bloomika
- 26) B. Mounica
- 27) B. Anitha
- 28) A. Rajini

Dr
Head of the Department
Dept. of Physics
TTWRDC (Girls) JANGAON

Ch. Saiy
LECTURER
Department of Physics
TTWRDC (Girls) JANGAON

M. J. S.
Principal
TTW Residential Degree College (Girls)
JANGAON

ACADEMIC YEAR : 2021-22

WORK SHOP ON
"Introduction to Atomic Spectroscopy"

★ ONE DAY WORKSHOP ON ATOMIC SPECTROSCOPY
AND VIRTUAL LABORATORY ★ 7

Date: 28/5/2022

Speakers: Dr. L. Haritha
MR. R. Nagaraju

Introduction: We welcome to our one day workshop on
"Introduction to atomic spectroscopy" and "virtual laboratory"
organising by department of physics, TITWED(C) Jangaon.

The main concept of this workshop gives the
knowledge to the students on how the solar system works
and introduction to atoms and energy levels of an atom
in different atomic models and the size and orientation
of atom and electrons in atom and about the nucleus.
in the morning session. And also the second session is
about the organization of circuits using the virtual boards.

Speaker 1: Dr. Haritha Lakkaraju
Asst. professor of physics
Telangana university, Nizamabad.

Speaker 2: Mr. R. Nagaraju
Asst. Professor of physics
Vasavi college of engineering, Hyderabad.



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TTWRDC (W) JANGAON ORGANISES A ONE DAY GUEST LECTURE ON

Introduction to Spectroscopy
 Dr. HARITHA LAKKARAJU
 Asst. Prof.
 Dept. Of Physics
 Telangana University
 Hyderabad

Developing circuits in Physics through virtual labs
 Dr. Anand Kumar
 Dept. Of Physics
 Sri Sri College Of Engineering (A)
 Hyderabad

Organising Committee
 Dept. of Physics
 Sri Sri College of Engineering (A)
 Hyderabad
 Principal
 Dr. M. Hari Priya

DATE: 20/01/2022
 TIME: 10:00 AM

Brochure for one day work
 shop



The class conducted by the
Dr. L. Hanitha Gera in morning
session. on

"Introduction to atomic
spectroscopy"



In the afternoon session the
students engaged by
MR. R. Nagaraj Gery
on
Virtual Laboratory

Report:

AS the session started on May 28 2022 with the Guest Lecturers.

The co-ordinator of this webinar from department of physics Ch. Sowmya, given a brief introduction about the speakers Dr. L. Hanitha and Mr. P. Nagaraju garu.

AS they are an esteemed expert in delivering an enlightened lecture focuses on the fundamental aspects, employability opportunities and the introduction to the atomic spectroscopy and the Raman effect, Zeeman effect and the splitting of light, energy levels of an atom and the more related topics in the spectroscopy.

AS the second speaker, Nagaraju garu taught the students about the virtual laboratory, in that the students learned about how we can construct a circuit with resistors, diodes in the virtual manner.

Later, the head of the institution, Dr. M. Hanipalga, Principal TTKRPOCCG, addressed the event and shared the views of conducting this one day workshop being a potential career trajectory path for every student.

Feedback:

Students were assessed through by sharing ideas for the virtual laboratory and the introduction to the spectroscopy, how it helps to understand the atom and its energy levels.



Attendance:

- | | | |
|-------------------|---|------------|
| 1) A. Soujanya | - | Soujanya |
| 2) B. Chandhara | - | Chandhara |
| 3) B. Divya | - | Divya |
| 4) B. Soundharya | - | Soundharya |
| 5) B. Anusavya | - | Anusavya |
| 6) B. Raghya | - | Raghya |
| 7) B. Shikha | - | Shikha |
| 8) B. madhuptha | - | Madhuptha |
| 9) D. Gayathri | - | Gayathri |
| 10) D. Soumyasri | - | Soumyasri |
| 11) G. Sravani | - | Sravani |
| 12) J. Kanya | - | Kanya |
| 13) J. Anjali | - | Anjali |
| 14) J. Vemela | - | Vemela |
| 15) K. Rupa | - | Rupa |
| 16) G. Gunitha | - | Gunitha |
| 17) G. Gangothi | - | Gangothi |
| 18) K. Divya | - | Divya |
| 19) M. Anusha | - | Anusha |
| 20) M. pasvathi | - | Pasvathi |
| 21) M. Bhargavi | - | Bhargavi |
| 22) M. Sufatha | - | Sufatha |
| 23) M. shaavani | - | Shaavani |
| 24) A. shikha | - | Shikha |
| 25) A. saavani | - | Saavani |
| 26) A. shivani | - | Shivani |
| 27) B. Roshini | - | Roshini |
| 28) D. Prashanthi | - | Prashanthi |
| 29) G. Rithika | - | Rithika |