

2020-21

Sr. No.	Name of Students	Title of Project	Name of Guide
1	Tasneem Bohra	Theoretical Study of Nanoscience and Nanotechnology.	Dr. U.P. Manik
2	Harsha T. Bhurse	Review on interaction on amino acids with salt.	Dr. U.P. Manik
3	Ashwini S. Morey	Ultrasonic characterization of food and drinks: principles, methods and application.	Dr. S.P. Ramteke
4	Suhasini S. Nimkar	Theoretical study of uniformly sized iron oxide nanoparticles for medical applications	Dr. U.P. Manik
5	Damini M. Sawarkar	Role of Ultrasonic study in the field of Agriculture: from theory to application.	Dr. U.P. Manik
6	Soni Sadhuram Kadte	Theory of Different Thermo-acoustical Parameters for Characterizing the Liquids: A Review.	Dr. U.P. Manik
7	Suchita S. Borkute	Review on instrumental and Ultrasonic technique in Characterization of Various Vitamins.	Dr. U.P. Manik
8	Anjali A. Dahikar	Review on principle and Methods of ultrasonic characterization of a materials.	Dr. S.P. Ramteke
9	Ashu S. Singh	Review study of photoluminescence of Ce doped alkaline earth sulfate.	Dr. V.C. Thakare
10	Shifa S. Khan	Characterization of casting material by ultrasonic technique.	Dr. S.P. Ramteke
11	Aishwarya Jaipurkar	Study of photoluminescence of Dy doped halo-sulfate.	Dr. V.C. Thakare
12	Shital B. Shital B. Dakhore	Ultrasonic analysis of intermolecular interaction in binary liquid of amino acids and saccharides: theoretical approach.	Dr. U.P. Manik
13	Dipti Ramteke	Theoretical study of green synthesis of copper oxide nanoparticle for biomedical applications and environmental remediation.	Dr. U.P. Manik
14	Shubham P. Misar	Review study of effect on thermoluminescence due to different irradiation ion beam.	Dr. V.C. Thakare
15	Sumit V. Kondekar	Review study of photoluminescence of some Tb ³⁺ doped phosphors.	Dr. V.C. Thakare
16	Shweta Yadav	Theoretical study of luminescence material and its applications.	Dr. U.P. Manik
17	Shweta M. Ghagargunde	A review of the ultrasonic extraction and working principal of different vitamins.	Dr. U.P. Manik
18	Ashvini V. Shambharkar	Diagnosis, techniques and applications of ultrasound in medical field: An ab initio study.	Dr. U.P. Manik
19	Kedarnath J. kothewar	Review study of photoluminescence in CaSO ₄ with different doped.	Dr. V.C. Thakare
20	Mrunali Wankhede	Theoretical study of liquid crystal display and organic emitting display: Present status and future perspective.	Dr. U.P. Manik
21	Azadi G. Meshram	Theoretical study of review on luminescence phenomenon.	Dr. U.P. Manik
22	Saroj R. Zade	The theoretical survey of thermo-physical properties of binary mixture of amino acid and fertilizers.	Dr. U.P. Manik
23	Sanket S. Shambharkar	Review study of Photoluminescence of Dy doped in CaSO ₄	Dr. V.C. Thakare

Certificate

This is certifying that the work presented in the project work entitled "**Theoretical Study of Luminescence Materials and Its Application**". Presented by Miss. Shweta .R. Yadav M.sc. Sem-IV (Physics). Sardar Patel Mahavidyalaya, Chandrapur has been carried out under the guidance and supervision. I found that the presence piece of work is suitable for the submission to the University Evaluation and award of M.Sc. Degree in Physics.

Place: Chandrapur

Date:



Prof. Mitali M. Sarkar

(Co-Supervisor)

**Department Of Physics,
Sardar Patel Mahavidyalaya,
Chandrapur.**



Dr. Urvashi Manik

(Supervisor)

**Professor & Head,
Department Of Physics,
Sardar Patel Mahavidyalaya,
Chandrapur.**

CERTIFICATE

This is to certify that the work presented in this project entitled **Theoretical Study of Review on Luminescence phenomenon**", presented by Miss. Azadi G. Meshram of M. Sc SEMIV Physics, Sardar Patel Mahavidyalaya, Chandrapur, has been carried out under my guidance and supervision, is her own work and its standard is up to the degree of **MASTER OF SCIENCE IN PHYSICS** in the Faculty of Science & Technology, Gandwana University, Gadchiroli

Place: Chandrapur

Date: 2021



Prof. Mitali N. Sarkar
(Co-supervisor)

Professor,

Department of Physics,

Sardar Patel Mahavidyalaya,

Chandrapur.



Dr. I.P. Manik,
(Supervisor),

Professor & Head,

Department of Physics,

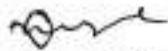
Sardar Patel Mahavidyalaya,

Chandrapur.

CERTIFICATE

This is to certify that the work presented in this project entitled

“REVIEW STUDY OF EFFECTS ON THERMOLUMINESCENCE DUE TO DIFFERENT IRRADIATION ION BEAM.”, by Mr. Shubham Pramod Misar, carried out under my supervision, is his own work and is up to standard of the degree of **MASTER OF SCIENCE in PHYSICS** in the faculty of science to **Gondwana University, Gadchiroli.**



Dr. Varsha Thakare

(Supervisor)

Department of physics,
Sardarpatel College Chandrapur.



Dr. Urvashi .P. Manik

Head of Department of
Physics

Sardar Patel college, Chandrapur.

Place: Chandrapur

Date:

CERTIFICATE

This is to certify that the work presented in this project entitled "STUDY OF PHOTOLUMINESCENCE OF Dy³⁺ DOPED HALOSULPHATE" by Miss. **AISHWARYA SUNIL JAIPURKAR**, carried out under my supervision, is her own work and is up to the standard of the degree of Master Of Science In Physics in the Faculty of Science to Gondwana University, Gadchiroli.

Place: Chandrapur

Date:



Dr. Varsha Thakare

(Supervisor)
Department of Physics
Sardar Patel Mahavidyalaya,
Chandrapur



Dr. Urvashti P. Manik

Head of Department, Physics
Sardar Patel Mahavidyalaya,
Chandrapur

CERTIFICATE

This is certify that the work presented in this project entitled “ **Ultrasonic Analysis of Intermolecular Interaction in Binary liquid of Amino acid and Saccharides theoretical approach** “ presented by Miss. Shital Bhaurao Dakhore of M. Sc. Sem-IV (Physics), Sardar Patel Mahavidyalaya, Chandrapur has been carried out under my guidance and supervision, is her own works and is up to standard is the degree of **MASTER OF SCIENCE in PHYSICS** in the Faculty of science & Technology, Gondwana University, Gadchiroli.

Place : Chandrapur

Date : / / 2021



Prof. S. V. Hapat
(Co-Supervisor)
Department of Physics
Sardar Patel Mahavidyalaya,
Chandrapur



Dr. U. P. Manik
(Supervisor)
Professor and Head
Department of physics
Sardar Patel Mahavidyala,
Chandrapur

CERTIFICATE

This is certify that the work presented in this project entitled "Theoretical Survey of Thermo-physical properties of Binary mixture of Amino Acid and fertilizers ". Presented by Miss. Saroj R. Zade of M.Sc. Sem-IV(Physics). Sardar Patel Mahavidyalaya, Chandrapur has been carried out under my guidance and Supervision. Her own works and is up to standard is the degree of **MASTER OF SCIENCE IN PHYSICS** in the Faculty of Science & Technology, Gondwana University, Gadchiroli.

Place: Chandrapur


Date: / / 2021



Prof. Sonali V. Hepat

(Co-Supervisor)

Department of Physics
Sardar Patel Mahavidyalaya,
Chandrapur



Dr. U.P. Manik

(Supervisor)

Professor & Head
Department of Physics
Sardar Patel Mahavidyalaya
Chandrapur

Certificate

This is certifying that the work presented in the project work entitled **“ Theoretical Study of Liquid Crystal Display and Organic Light Emitting Diode Display : Present Status and Future Perspectives ”**

. Presented by **Miss.Mrunali C. Wankhede, M.sc. Sem-IV (Physics), Sardar Patel Mahavidyalya, Chandrapur** has been carried out under the guidance and supervision. I found that the presence piece of work is suitable for the submission to the university for evaluation and award of **M.sc. Degree in Physics.**

Place ; Chandrapur

Date :



Professor and Head

Department of Physics

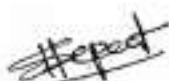
**Sardar Patel Mahavidyalaya,
Chandrapur.**

CERTIFICATE

This is certify that the work presented in this project entitled " **Review on interaction on amino acid with salt**", presented by **Miss. Harsha T. Bhurse** of M.Sc. Sem-IV(Physics). Sardar Patel Mahavidyalaya, Chandrapur has been carried out under my guidance and supervision, is her own works and is up to standard is the degree of **MASTER OF SCIENCE** in **PHYSICS** in the Faculty of Science & Technology, Gondwana University, Gadchiroli.

Place: Chandrapur

Date: / /2021



Prof. Sonali V. Hapat.
(Co-supervisor).
Department of physics.
Sardar Patel Mahavidyalaya.
Chandrapur.



Dr. U.P. Manik
(Supervisor)
Professor and head
Department of physics
Sardar Patel Mahavidyalaya
Chandrapur

Certificate

This is to certify that the work presented in this project entitled "Review on Instrumental and Ultrasonic Technique in Characterization of Various Vitamins" presented by miss, Suchita S. Borhate of M.sc sem 4th (physics) Sardar Patel Mahavidyal, Chandrapur has been carried out under my guidance and Supervision, in her own words and is up to standard is the degree of Master of Science in Physics in the Faculty of Science and Technology, GONDWANA UNIVERSITY, GADCHIROLI.

Place: Chandrapur

Date: / / 2021

Praveen

Prof. P. A. Kothkar
(Co-Supervisor)
Department of physics
Sardar Patel
Mahavidyalaya,
Chandrapur

Dr. U.P. Manik


Dr. U.P. Manik
(Supervisor)
Professor and Head
Department of physics
Sardar Patel Mahavidyalaya,
Chandrapur


CERTIFICATE

This is certifying that the work presented in this project entitled "A Review of the Ultrasonic Extraction and Working Principle of Different Vitamins", presented by Miss. Shweta M. Ghagargunde of M.Sc. Sem-IV(Physics), Sardar Patel Mahavidyalaya, Chandrapur has been carried out under my guidance and supervision, is her own works and is up to standard is the degree of **MASTER OF SCIENCE in PHYSICS** in the Faculty of Science & Technology, Gondwana University, Gadchiroli.

Place: Chandrapur

Date: // 2021


Prof. P. A. Kotkar
(Co-Supervisor)
Department of Physics
Sardar Patel Mahavidyalaya,
Chandrapur


Dr. U. P. Manik
(Supervisor)
Professor and Head
Department of Physics
Sardar Patel Mahavidyalaya,
Chandrapur

CERTIFICATE

This is to certify that the work presented in this project entitled "Theoretical Study of Nanoscience and Nanotechnology", presented by Miss. Tasneem H. Bohra of M. Sc Sem IV Physics, Sardar Patel Mahavidyalaya, Chandrapur, has been carried out under my guidance and supervision, is her own work and its standard is up to the degree of MASTER OF SCIENCE IN PHYSICS in the Faculty of Science & Technology, Gondwana University, Gadchiroli.

Place: Chandrapur

Date: 2021



Prof. Payal Gubde

(Co-supervisor),

Professor,

Department of Physics,

Sardar Patel Mahavidyalaya,

Chandrapur.



Dr. V.P. Manik,

(Supervisor),

Professor & Head,

Department of Physics,

Sardar Patel Mahavidyalaya,

Chandrapur.

CERTIFICATE

This is certify that the work presented in this project entitled "THEORETICAL STUDY OF GREEN SYNTHESIS OF COPPER OXIDE NANOPARTICLE FOR BIOMEDICL APPLICATIONS AND ENVIRONMENTAL REMEDIATION" presented by Miss, Dipti R. Ramteke of M. Sc. Sem 4th (Physics) Sardar Patel Mahavidyalaya Chandrapur has been carried out under my guidance and supervision , is her own works and is up to standard is the degree of MASTER OF SCIENCE in Physies in the Faculty of Science & Technology, Gondwana University, Gadchiroli.

Place : Chandrapur

Date: 2021



Prof. Jayal Ghubde

(Co-supervisor)

Department of Physics,

Sardar Patel Mahavidyalaya,

Chandrapur



Dr. U. P. Manik

(Supervisor)

Processor & Head

Department of Physics

Sardar Patel Mahavidyalaya

Chandrapur

CERTIFICATE

This is certify that the work presented in this project entitled "**Theory of Different Thermo-Acoustical Parameters for Characterizing the Liquids: A Review**". presented by Miss. Soni S. Kadte of M.Sc. Sem-IV(Physics). Sardar Patel Mahavidyalaya, Chandrapur has been carried out under my guidance and supervision, is her own works and is up to standard is the degree of **MASTER OF SCIENCE in PHYSICS** in the Faculty of Science & Technology, Gondwana University, Gadchiroli.

Place: Chandrapur

Date: / / 2021



Prof. P. L. Mishra
(Co-Supervisor)
Department of Physics,
Sardar Patel Mahavidyalaya,
Chandrapur.



Dr. U. P. Manik
(Supervisor)
Professor & Head
Department of Physics
Sardar Patel Mahavidyalaya,
Chandrapur

CERTIFICATE

This is certify that the work presented in this project entitled "Theoretical study of uniformly sized iron oxide nanoparticles for medical applications". presented by Miss. Suhasini S. Nimkar of M.Sc. Sem IV(Physics). Sardar Patel Mahavidhyalaya, Chandrapur has been carried out under my guidance and supervision, is her own works and is up to standard is the degree of **MASTER OF SCIENCE** in **PHYSICS** in the Faculty of Science & Technology, Gondwana University, Gadchiroli.

Place: Chandrapur

Date: 2021.



Prof. Payal Ghubade.

(Co-supervisor).

Department of physics.

Sardar Patel Mahavidyalaya.

Chandrapur.



Dr. U.P. Manik

(Supervisor)

Processor & head

department of physics

sadar patel mahavidyalaya

Chandrapur

CERTIFICATE

This is certify that the work presented in this project entitled "**Diagnosis, Technique And Application of Ultrasound In Medical Science: An Ab Initio Study** ", presented by Miss. Ashvini Vikas Shambharkar, of M.Sc. Sem-IV(Physics), Sardar Patel Mahavidyalaya, Chandrapur has been carried out under my guidance and supervision, is her own works and is up to standard is the degree of **MASTER OF SCIENCE IN PHYSICS** in the Faculty of Science & Technology, Gondwana University, Gadchiroli.

Place: Chandrapur

Date: / / 2021



Prof. P. L. Mishra
(Co-Supervisor)

Department of Physics
Sardar Patel Mahavidyalaya
Chandrapur



Dr. Ujjeshi P. Manik
(Supervisor)

Professor & Head
Department of Physics
Sardar Patel Mahavidyalaya,
Chandrapur

CERTIFICATE

This is certify that the work presented in this project entitled "Role Ultrasonic study in the field of Agriculture: from Theory to Applications." presented by Miss. Damini M. Sawarkar of M.Sc. Sem-IV(Physics). Sardar Patel Mahavidyalaya, Chandrapur has been carried out under my guidance and supervision, is her own works and is up to standard is the degree of **MASTER OF SCIENCE in PHYSICS** in the Faculty of Science & Technology, Gondwana University, Gadchiroli.

Place: Chandrapur

Date:- //2021



Prof. P. L. Mishra
(Co-Supervisor)
Department of Physics
Sardar Patel Mahavidyalaya
Chandrapur.



Dr. U. P. Manik
(Supervisor)
Professor & Head
Department of Physics
Sardar Patel Mahavidyalaya,
Chandrapur

Certificate

This is certifying that the work presented in the project work entitled "**Review on principle and methods of ultrasonic characterization of a casting materials**". Presented by **Miss.Shifa.S.Khan**, M.sc. Sem-IV (Physics). Sardar Patel Mahavidyalya, Chandrapur has been carried out under the guidance and supervision. I found that the presence piece of work is suitable for the submission to the university for evaluation and award of M.sc. Degree in Physics.

Place : Chandrapur

Date :



Dr. Sanjay P. Ramteke

Assistant professor

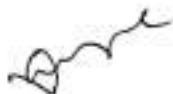
**Sardar Patel Mahavidyalya,
Chandrapur.**

CERTIFICATE

This is to certify that the work presented in this project entitled " **REVIEW STUDY PHOTOLUMINESCENCE of Dy Dope in CaSO_4** ". By **Mr. Sanket Satendra Shambharkar** carried out under my supervision, is her own works and is up to standard of the degree of **MASTER OF SCIENCE In PHYSICS** in the Faculty of Science to **Gondwana University, Gadchiroli.**

Place: Chandrapur

Date:



Dr. Varsha Thakare

(Supervisor)

Department of Physics,

Sardar Patel College,

Chandrapur.



Dr. Urvashi P. Manik

Head of the Department of physics,

Sardhar Patel college, Chandrapur

Certificate

This is certifying that the work presented in the project work entitled "**Review on principle and methods of ultrasonic characterization of a materials**", Presented by **Miss. Anjali Anil Dahikar, M.sc. Sem-IV (Physics)**, Sardar Patel Mahavidyalya, Chandrapur has been carried out under the guidance and supervision. I found that the presence piece of work is suitable for the submission to the university for evaluation and award of M.sc. Degree in Physics.

Place : Chandrapur

Date :



Dr. Sanjay P. Ramteke

Assistant Professor,

Sardar Patel Mahavidyalya,

Chandrapur.

Certificate

This is certifying that the work presented in the project work entitled "Ultrasonic characterization of foods and drinks: principles, methods & applications". Presented by Miss. Ashwini S. Morey, M.Sc., Sem-IV (Physics), Sardar Patel Mahavidyalya, Chandrapur has been carried out under the guidance and supervision. I found that the presence piece of work is suitable for the submission to the university for evaluation and award of M.Sc. Degree in Physics.

Place : Chandrapur

Date :



Dr. Sanjay P. Ramteke

Assistant Professor,

**Sardar Patel Mahavidyalya,
Chandrapur.**

CERTIFICATE

This is certify that the work presented in the project entitled " **REVIEW STUDY OF PHOTOLUMINESCENCE IN CaSO_4 WITH DIFFERENT DOPPED** " by MR. **Kedarnath Jagdish kothewar** , carried out under my supervision , is his own work and is up to standard of the degree of "**MASTER OF SCIENCE in PHYSICS** ", in the faculty of science to **Gondwana University, Gadchiroli** .



Dr. Varsha Thakare

(Supervisor)

Department of physics,
Sardar Patel Mahavidyalaya ,
Chandrapur



Dr. Urvashi P. Manik

Head of department of Physics,
Sardar Patel Mahavidyalaya ,
Chandrapur

Place : Chandrapur

Date :

Certificate

This was certified that work presented in project titled Review study of photoluminescence of Ce doped alkaline earth sulphate by miss Ashu shitalaprasad singh carried out by under supervision is own work And is up to standard of the degree of MASTER OF SCIENCE in PHYSICS In the faculty of science in "GONDWANA UNIVERSITY ", GADCHIROLL.



Dr Varsha Thakare
(Supervisor)

Department of physics.

Sardar patel mahavidyalay,
Chandrapur.



Dr urvashi P. Manik.

Head of department of physics

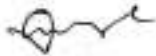
Sardar patel mahavidyalay chandrapur.

Place :- chandrapur

Date:- 1/07/2021

CERTIFICATE

This is certify that the work presented in the project entitled “ **REVIEW STUDY OF PHOTOLUMINESCENCE OF SOME Tb³⁺ DOPPED PHOSPHORS** ” by **MR. SUMIT VASANTRAO KONDEKAR**, carried out under my supervision , is his own work and is up to standard of the degree of “**MASTER OF SCIENCE in PHYSICS** ”, in the faculty of science to **Gondwana University, Gadchiroli** .



Dr. Varsha Thakare

(Supervisor)

Department of physics,

Sardar Patel Mahavidyalaya ,

Chandrapur



Dr. Urvashi P. Manik

Head of department of Physics,

Sardar Patel Mahavidyalaya ,

Chandrapur

Place: Chandrapur

Date : 1/07/2021