

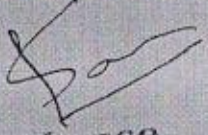


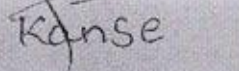
CERTIFICATE

This is to certify that the project work entitled
Concentration Dependent Acoustical Properties of
oil Blends at 2 MHz frequency embodied in this
project report is a bonafide work of

1. Sirge Omkiran Chandrakant
2. Syed Navid Abdul,
3. Waghmare Dnyaneshwar Baliram.

This work is carried out at the research laboratory
dept. of physics, Lal Bahadurshastri Mahavidyalay,
Dharmabad.


Dr. K. S. Kanse
(Associate professor
Asso. Prof. & Research Guide)
Dept. of Physics
LBS Mahavidyalaya, Dharmabad


Dr. K. S. Kanse
(Project guide
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Asso. Prof. & Research Guide
Dept. of Physics
LBS Mahavidyalaya, Dharmabad


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Dharmabad, Dist. Dharmabad



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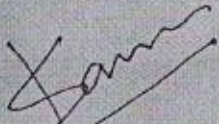
This is to certify that the project work entitled
'STEPPER MOTOR CONTROLLER USING 8051
MICROCONTROLLER' embodied in this project report is a
bonafied work of

Jhawar Priyanka Shyamsunder

Malu Rachna Ramdayal

Patil Padmavati Durgaji

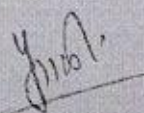
This work is carried out at the research laboratory dept.of
physics, Lal Bahadur Shastri Mahavidyalaya, Dharmabad.


Dr. K.S. Kanse Sir

(Associate Professor

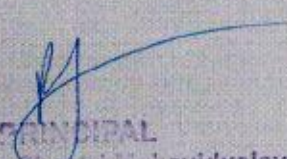
course co-ordinator)

Dr. Kanse K.S.
Asso. Prof. & Research Guide
Dept. of Physics
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Dr. Y.S. Joshi Sir

(Project Guide

Dept. of Physics)


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Dharmabad, Dist. Nanded

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THIS IS TO CERTIFY THAT THE PROJECT WORK ENTITLED

DIELECTRIC PERMITTIVITY AND REFRACTIVE INDEX MEASUREMENTS OF OILS embodied

IN THIS PROJECT REPORT IS A BONAFIDE WORK OF

Parve Kamlakar Madhukarrao

Pawar Ravikumar Diliprao

Bhadke Swarup Sachitanand

Shinde Mahesh Vishvambharrao.

THIS WORK IS CARRIED OUT AT THE RESEARCH LABORATORY DEPT. OF

PHYSICS, LALBAHADURSHASTRI MAHAVIDYALAYA, DHARMABAD.

DR. K.S. KANSE

(ASSOCIATE PROFESSOR COURSE CO-ORDINATOR PROJECT GUIDE

DEPT. OF PHYSICS)

Dr. Kanse K.S.

Asso. Prof. & Research Guide

Dept. of Physics

LBS Mahavidyalaya, Dharmabad

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Dharmabad, Dist. Dharmabad



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This is to certify that the project work entitled **Ultrasonic Interferometer** embodied in this project report is a bonafide work of

- SHIRALE VARSHATAI VENKATRAO
- SHERIYAL YASHODA NAGENDRA
- MORE KIRAN GOVINDRAO

This work is carried out at the research laboratory dept. of M. Sc. Physics, **Lal Bhadrshastri Mahavidyalay, Dharmabad.**

Dr. K.S. Kanse
Dr. Kanse K. S.
(Associate Professor, Course Co-ordinator)
Dept. of Physics
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Dr. K.S. Kanse
Dr. Kanse K. S.
(Project Guide, Dept. of Physics)
Dept. of Physics
LBS Mahavidyalaya, Dharmabad

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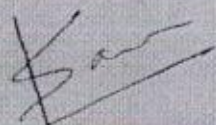


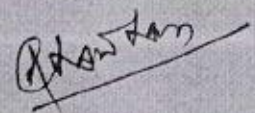
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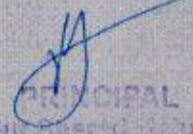
This is to certify that the project work entitled
"Versatile Water Pump Controller" embodied in this
project is bonafide work of

- 1) Dhotre Varsharani Vitthalrao
- 2) Bagal Meera Purbhaji
- 3) Shinde Pooja Annarao
- 4) Biradar Suchita Raosaheb

This work is carried out at the research
laborator dept. of physics, Lal Bahadur Shastri
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Dr. K.S. Kanse
(Associate Professor
Course c-ordinator)
Dr. Kanse K.S.
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Mr. A.G. Chawhan
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Dharmabad, Dist. Nanded



Dharmabad Shikshan Sanstha's

LAL BAHADUR SHASTRI MAHAVIDYALAYA, DHARMABAD.



CERTIFICATE

This is to certify that, the project entitled

"TRAFFIC LIGHTS CONTROL BY USING MICRO PROCESSOR"

Has been submitted by **PATHAN HALIMKHAN SALIMKHAN** under my guidance and supervision and that the research report has not previously formed to the basis for the awarded of any degree, diploma etc. to the candidates. The project is prepared by the student himself by collecting the required data in partial fulfillment of the Degree of **Master of Science in Physics** Course under Swami Ramanand Teerth Marathwada University, Nanded, during the academic year **2020-21**.

Dr. S. G. Gadhane

Principal,
L.B.S. Mahavidyalaya,
Dharmabad.

Dr. K. S. Kanse

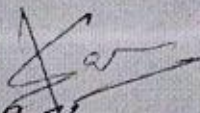
Dr. Kanse K. S.
Course Co-ordinator
L.B.S. Mahavidyalaya,
Dharmabad.

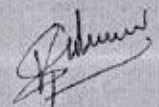
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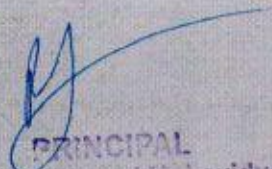


CERTIFICATE

This is to Certify that the project work embodied in the thesis certified "Traffic Lights Control by using Microprocessor" is a bonafied work of Khakare Amarnath Virbhadra Carried out in Lal Bahadur Shastri Mahavidyalaya, Dharmabad.


Dr. K. S. Kanse
Asso. Prof. & Research Guide
Head
Department of Physics
LBS Mahavidyalaya, Dharmabad

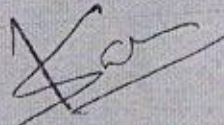

Mr. V. S. Pabhoj
Project Guide


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Dharmabad, Dist. Dhule

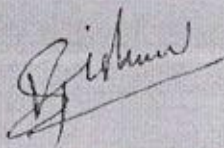


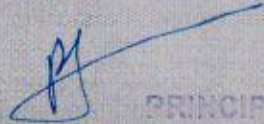
CERTIFICATE

This is to certify that the project work embodied in the thesis entitled "Traffic Lights Control by using Microprocessor" is a bonafied work of Akash Mohanrao Chavan carried out in Lal Bahadur Shastri Mahavidyalaya, Dharmabad.


Dr. K. S. Kanse
Guide & Head

Department of Physics
Dr. Kanse K.S.
Asso. Prof. & Research Guide
Dept. Physics
LBS Mahavidyalaya, Dharmabad
Dharmabad, Dist. Nashik


Mr. V. S. Pabbj
(Project Guide)
Principal


PRINCIPAL
Lal Bahadur Shastri Mahavidyalaya
Dharmabad, Dist. Nashik



CERTIFICATE

This is to certify that project entitled "UNIVERSAL TIMER" developed at LBS College Dharmabad of S.R.T.M University, Nanded in degree of Master Science [PHISICS] is carried out by Hamand Akash Kunder my supervision and guidance. To the best of my knowledge, the work presented in this project has not been submitted earlier.

Guide:

Y. Joshi
Dr. Joshi sir

[Signature]

H.O.D

[SHRI.Dr.A.S.TAK]

Lecturer in Physics.

Date: March/April 2021

External Examiner.

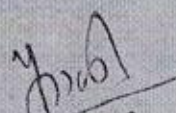
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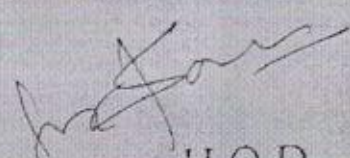


CERTIFICATE

This is to certify that project entitled "UNIVERSAL TIMER" developed at LBS College Dharmabad of S.R.T.M University, Nanded in degree of Master Science [PHISICS] is carried out by Hatode Pralhad M under my supervision and guidance. To the best of my knowledge, the work presented in this project has not been submitted earlier.

Guide:


Dr. Joshi sir

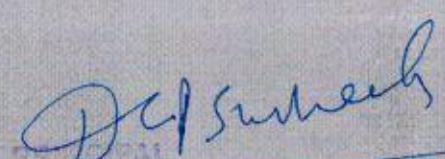

H.O.D

[SHRI.Dr.A.S.TAK]

Lecturer in Physics.

Date: March/April 2021

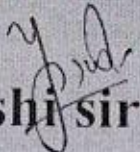
External Examiner.

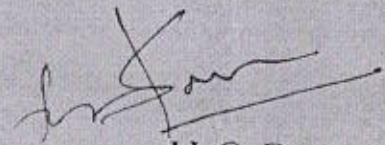

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CERTIFICATE

This is to certify that project entitled "UNIVERSAL TIMER" developed at LBS College Dharmabad of S.R.T.M University, Nanded in degree of Master Science [PHISICS] is carried out by Misale Vikas S under my supervision and guidance. To the best of my knowledge, the work presented in this project has not been submitted earlier.

Guide: 
Dr. Joshi sir



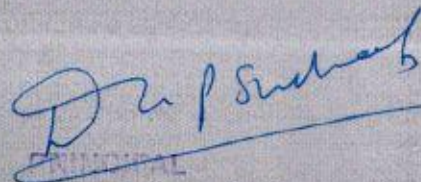
H.O.D

[SHRI. DR. A.S. TAK]

Lecturer in Physics.

Date: March/April 2021

External Examiner.



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Dharmabad, Dist. Nanded