

F. Format for information **on students undertaking internships/Field Projects/Research projects** (for the latest batch of students)

List of students undertaking field projects /Research Projects			
Program Code	Programme name	Name of students undertaking field/research projects	e-copy of certificates to be provided
PG85PJ406	Project in Nuclear and Particle Physics (Neutron irradiation effect on pencil tracers shaded on paper and their sensing applications)	Paragouda Patil	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Neutron irradiation effect on pencil tracers shaded on paper and their sensing applications)	Renuka P.	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Neutron irradiation effect on pencil tracers shaded on paper and their sensing applications)	Pooja Magadum	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Synthesis and characterization of cdse doped pmma nanocomposites)	Sandhya Rathod	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Synthesis and characterization of cdse doped pmma nanocomposites)	Saniya Mulla	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Synthesis and characterization of cdse doped pmma nanocomposites)	Saqlain Dawalbhai	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Determination of gamma ray buildup factors for some topological materials)	Anusha S. Kandakur	Enclosed

PG85PJ406	Project in Nuclear and Particle Physics (Determination of gamma ray buildup factors for some topological materials)	Guruprasad Hegde	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Determination of gamma ray buildup factors for some topological materials)	Jeevan Ager	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Determination of gamma ray buildup factors for some topological materials)	Keerthi Shivalli	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Determination of gamma ray buildup factors for some topological materials)	P. V. Ranjitha	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Elemental analysis of medicinal plants)	Shilpa Doddamani	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Elemental analysis of medicinal plants)	Sindhu Korishettar	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Elemental analysis of medicinal plants)	Vijayalaxmi Devagiri	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Elemental analysis of medicinal plants)	Siddu Patil	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Elemental analysis of medicinal plants)	Suman Kwati	Enclosed
PG85PJ406	Project in Nuclear and Particle Physics (Elemental analysis of	Suprada Chouinishi	Enclosed

	medicinal plants)		
PG85PJ406	Project in Atomic & Molecular Physics (Infrared and Raman Spectroscopic study of Indene)	Renukaradhya S. G.	Enclosed
PG85PJ406	Project in Atomic & Molecular Physics (Infrared and Raman Spectroscopic study of Indene)	Vijayalakshmi	Enclosed
PG85PJ406	Project in Atomic & Molecular Physics (Infrared and Raman Spectroscopic study of Indene)	Virupaksha sorabad	Enclosed
PG85PJ406	Project in Atomic & Molecular Physics (Infrared spectroscopy of 5-fluoro-2-methylbenzoic acid)	S. C. Chinmayi	Enclosed
PG85PJ406	Project in Atomic & Molecular Physics (Infrared spectroscopy of 5-fluoro-2-methylbenzoic acid)	Soumya Metrani	Enclosed
PG85PJ406	Project in Atomic & Molecular Physics (Infrared spectroscopy of 5-fluoro-2-methylbenzoic acid)	Sukhesh Kulkarni	Enclosed
PG85PJ406	Project in Atomic & Molecular Physics (Infrared spectroscopic study of 4-hydroxybenzaldehyde)	Apeksha U. S.	Enclosed
PG85PJ406	Project in Atomic & Molecular Physics (Infrared spectroscopic study of 4-hydroxybenzaldehyde)	Gayatri	Enclosed
PG85PJ406	Project in Atomic & Molecular Physics (Vibrational Spectroscopic study of Chelidonic acid)	Anupama V. Manglennavar	Enclosed
PG85PJ406	Project in Atomic & Molecular Physics (Vibrational Spectroscopic study of Chelidonic acid)	Amruta Dambal	Enclosed

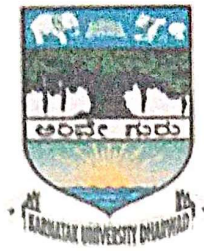
PG85PJ406	Project in Atomic & Molecular Physics (Infrared spectroscopic study of alyal alcohol and acrolein)	Maruti Prasad T.	Enclosed
PG85PJ406	Project in Atomic & Molecular Physics (Infrared spectroscopic study of alyal alcohol and acrolein)	Neha Rathod	Enclosed
PG85PJ406	Project in Atomic & Molecular Physics (Infrared spectroscopic study of alyal alcohol and acrolein)	Nikhil V R	Enclosed
PG85PJ406	Project in Electronics & Communication (Portable function generator sing icl8038 and its applications)	Tasleem S. Nadaf	Enclosed
PG85PJ406	Project in Electronics & Communication (Portable function generator sing icl8038 and its applications)	Vachan S. Bandi	Enclosed
PG85PJ406	Project in Electronics & Communication (Portable function generator sing icl8038 and its applications)	Vasavi Bhat	Enclosed
PG85PJ406	Project in Electronics & Communication (Portable function generator sing icl8038 and its applications)	Venugopal Nayak	Enclosed
PG85PJ406	Project in Electronics & Communication (boolean algebra calulator using C++ programming)	Nirmala S. Dhangl	Enclosed
PG85PJ406	Project in Electronics & Communication (boolean algebra calulator using C++ programming)	Puspha Lamani	Enclosed
PG85PJ406	Project in Electronics & Communication (boolean algebra	Rakesh S. Kandgal	Enclosed

	calculator using C++ programming)		
PG85PJ406	Project in Electronics & Communication (boolean algebra calculator using C++ programming)	Shafina Naaz Bilagi	Enclosed
PG85PJ406	Project in Electronics & Communication (DC motor speed control using pwm generator by NE-555 timer : as a stirrer)	Akshay A. Bhat	Enclosed
PG85PJ406	Project in Electronics & Communication (DC motor speed control using pwm generator by NE-555 timer : as a stirrer)	Koushik Pandit	Enclosed
PG85PJ406	Project in Electronics & Communication (DC motor speed control using pwm generator by NE-555 timer : as a stirrer)	Megha Turaidar	Enclosed
PG85PJ406	Project in Electronics & Communication (DC motor speed control using pwm generator by NE-555 timer : as a stirrer)	Meghana B.	Enclosed
PG85PJ406	Project in Electronics & Communication (Bessel function generation, its properties and realization by electronic circular simulator)	Shiny Horta	Enclosed
PG85PJ406	Project in Electronics & Communication (Bessel function generation, its properties and realization by electronic circular simulator)	Shreenavya Bhatt	Enclosed
PG85PJ406	Project in Electronics & Communication (Bessel function generation, its properties and realization by electronic circular	Shwetha Marjedi	Enclosed

	simulator)		
PG85PJ406	Project in Electronics & Communication (Bessel function generation, its properties and realization by electronic circular simulator)	Swetha Rayar	Enclosed
PG85PJ406	Project in Solid State Physics (Dielectric Properties of Different Solvents)	Akshta M. Algeri	Enclosed
PG85PJ406	Project in Solid State Physics (Dielectric Properties of Different Solvents)	Chandrika Bhosge	Enclosed
PG85PJ406	Project in Solid State Physics (Dielectric Properties of Different Solvents)	Kasimsab K	Enclosed
PG85PJ406	Project in Solid State Physics (Dielectric Properties of Different Solvents)	Parvati S. Kamble	Enclosed
PG85PJ406	Project in Solid State Physics (Synthesis and Extraction of Sodium Silicate from Sand)	Ameer Sohail Nadaf	Enclosed
PG85PJ406	Project in Solid State Physics (Synthesis and Extraction of Sodium Silicate from Sand)	Sahana G. Gaonkar	Enclosed
PG85PJ406	Project in Solid State Physics (Synthesis and Extraction of Sodium Silicate from Sand)	Shahana A. Sayed	Enclosed
PG85PJ406	Project in Solid State Physics (Solution Based Arc Deposition by Nanoparticles)	Anjana S. Buradekatti	Enclosed
PG85PJ406	Project in Solid State Physics (Solution Based Arc Deposition by	Sheetal S. Naik	Enclosed

	Nanparticles)		
PG85PJ406	Project in Solid State Physics (Solution Based Arc Deposition by Nanparticles)	Usha M. Rangannavar	Enclosed
PG85PJ406	Project in Solid State Physics (Stretchable Graphite-resin Sensor)	Keerthi R. B.	Enclosed
PG85PJ406	Project in Solid State Physics (Stretchable Graphite-resin Sensor)	Shreenidhi V. Hegde	Enclosed
PG85PJ406	Project in Solid State Physics (Stretchable Graphite-resin Sensor)	Sudha Bhat	Enclosed
PG85PJ406	Project in Solid State Physics (Literature Review on Solar Desalination)	Rakeshkumar Kavalagi	Enclosed
PG85PJ406	Project in Solid State Physics (Literature Review on Solar Desalination)	Ramesh S. Gouda	Enclosed
PG85PJ406	Project in Solid State Physics (Literature Review on Solar Desalination)	Shambhuling H. Chakrasali	Enclosed

KARNATAK UNIVERSITY, DHARWAD

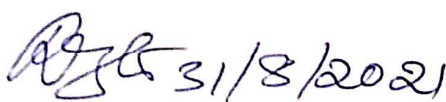



DEPARTMENT

PHYSICS

CERTIFICATE

This is to certify that **Mr.Paragouda Patil, Ms.Renuka P. and Ms.Pooja Magadum** have satisfactory completed project course PHSPJ 4.6 in Nuclear Physics entitled **“NEUTRON IRRADIATION EFFECT ON PENCIL TRACES SHADED ON PAPER AND THEIR SENSING APPLICATIONS”** in partial fulfilment of the M.sc degree in Physics.


Prof . R. F. Bhajantri
Project supervisor


Chairman
Department of Physics

Place: Dharwad

Date : 31-8-2021

Examiners

- 1) 
- 2) 

KARNATAK UNIVERSITY, DHARWAD



Re-accredited by NAAC 'A' Grade
"University with potential for Excellence"

A PROJECT REPORT ON

**"Synthesis and Characterization of CdSe doped PMMA
Nanocomposites"**

Master of Science in Physics

Submitted by

Sandhya Rathod

Reg no: 19S16060

Saniya Mulla

Reg no: 19S16061

Saqlain Husain Dawalbhai

Reg no: 19S16062

Under the guidance of

Prof. R.F. Bhajantri

Department of Studies in Physics
Karnatak University, Dharwad


2020-21

KARNATAK UNIVERSITY DHARWAD



CERTIFICATE

This is to certify that the project report entitled **"Synthesis and Characterization of CdSe doped PMMA Nanocomposites"** submitted by **Sandhya Rathod**, **Saniya Mulla** and **Saqlain Husain Dawalbhai** to the Department Of Studies in Physics, Karnatak University Dharwad, for the award of degree of Master of Science in Physics is the result of project work carried out by our team at Post Graduate Department studies in Physics, Karnatak University Dharwad under my supervision during the academic year 2020-21.

 31/8/2021
Prof. R.F. Bhajantri

Project Supervisor

Chairman

Department of Physics,
K. U, Dharwad

Place: Dharwad

Examiners

Date:

1)

2)



Project Report On

ELEMENTAL ANALYSIS OF MEDICINAL PLANTS



Re-Accredited by NAAC with 'A' Grade
University with Potential for Excellence.

DISSERTATION SUBMITTED TO
THE KARNATAKA UNIVERSITY, DHARWAD
FOR THE PARTIAL FULFILMENT OF DEGREE OF

Master of Science

In

Physics

Submitted By

SHILPA P DODDAMANI 19S16066

SINDHU KORISHETTAR 19S16073

VIJAYALAXMI DEVAGIRI 19S16086

DEPARTMENT OF PHYSICS
KARNATAK UNIVERSITY, DHARWAD

Under The Guidance of

Dr. A. S. Bennal

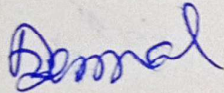
Department of Physics

Karnatak University, Dharwad-580003

2020-2021

Certificate

This is to certify that the dissertation entitled **ELEMENTAL ANALYSIS OF MEDICINAL PLANTS** Submitted to Department Of Physics Karnataka University, Dharwad by Miss.Shilpa P Doddamani, Miss.Sindhu Korishettar, Miss.Vijayalaxmi Devagiri as the partial fulfillment for the award of **Degree Of Master Of Science in Physics** represents their project work. They have carried out this project work at the Nuclear and Particle Physics research lab, Department of Studies In Physics, Karnataka University, Dharwad under my supervision and guidance.

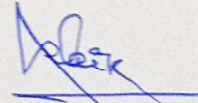


DR. A. S. BENNAL

Project Guide

Department of Physics

Karnatak University, Dharwad



DR. L. R. NAIK

Chairman

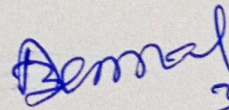
Department of Physics

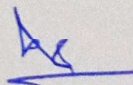
Karnatak University, Dharwad

Place: Dharwad

Date: 30.08.2021

Examiners:

1)  30.08.21

2) 

DECLARATION

We hereby declare that this project work entitled "ELEMENTAL ANALYSIS OF MEDICINAL PLANTS" submitted to Department Of Physics Karnataka University, Dharwad for partial fulfillment of academic curriculum and also for the award of Master's Degree In Physics, the result of benefited work carried out by us in the Nuclear and Particle Physics research lab, Department Of Physics, Karnataka University, Dharwad under the constant support and immense guidance of Dr.A.S. Bennal during academic year 2020-21.

Candidate Name:

Register No.

Signature.

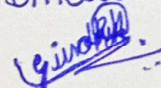
SHILPA P DODDAMANI

19S16066

S. P. Doddamani.

SINDHU KORISHETTAR

19S16073



VIJAYLAXMI DEVAGIRI

19S16086



ELEMENTAL ANALYSIS OF MEDICINAL PLANTS



Re - Accredited by NAAC with 'A' Grade
University with potential for excellence

DEPARTMENT OF PHYSICS

Dissertation submitted to the Karnatak University, Dharwad
for the partial fulfillment of degree of

Master of Science In Physics

SUBMITTED BY

Siddu Patil (19S16072)

Suman Kwati (19S16077)

Suprada Choukinishi (19S16078)

Under the Guidance of

DR. A. S. BENNAL

Assistant Professor
P.G. Department of Physics
Karnatak University, Dharwad

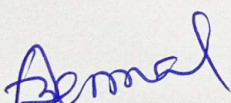
2020-2021

KARNATAK UNIVERSITY, DHARWAD



CERTIFICATE

This is to certify that the dissertation entitled “**ELEMENTAL ANALYSIS OF MEDICINAL PLANTS**” submitted to Department of Physics, Karnatak University, Dharwad by **Ms.Suprada Choukinishi, Ms.Suman Kwati, Mr.Siddu Patil**, as the partial fulfillment for the award of Degree of Master of Science in Physics represents their project work. They have carried out this project work at the Nuclear and Particle Physics research lab, Department of Physics and USIC (University Scientific and Instruments Center), Karnatak University Dharwad under my supervision and guidance.


(Project Guide)

DR.A. S. BENNAL

Department of Physics

Karnatak University, Dharwad.

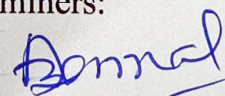

Chairman

Department of Physics

Place : Dharwad

Date : 30-08-2021

Examiners:


30-08-21

DECLARATION

We hereby declare that this project work entitled **"ELEMENTAL ANAYLISIS OF MEDICINAL PLANTS"** submitted to Department Of Physics, Karnatak University, Dharwad, for partial fulfilment of academic curriculum and also for the award of Master's Degree in Physics, the result of benefited work carried out by us in the Nuclear and Particle Physics research lab, Department Of Physics, Karnatak University, Dharwad, under the constant support and immense guidance of **Dr. A. S. Bennal** during academic year 2020 -2021.

Candidate Name:

Register No

Signature

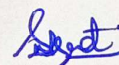
Siddu Patil

19S16072



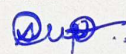
Suman Kwati

19S16077



Suprada Choukinishi

19S16078



KARNATAK UNIVERSITY, DHARWAD

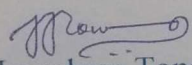
CERTIFICATE




DEPARTMENT OF PHYSICS

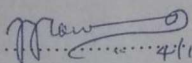
2020-2021

This is to certify that this dissertation entitled "Infrared Spectroscopy Of 5-Fluoro-2-Methylbenzoic acid" submitted by Ms.S.C.Chinmayi (Reg. No. 19S16057), Ms.Soumya Metrani (19S16074) and Mr.Sukesh Kulkarni (19S16076) in partial fulfilment of the requirements for the award of **Master of Science in Physics**, is a record of the work carried out under my supervision and guidance. It is further certified that no part of this dissertation is submitted for the award of any degree.


Prof. Jayashree Tonannavar
Project supervisor


Chairman
Department of Physics

Examiners:

- 1)..........4/10/2021
2).....

KARNATAK UNIVERSITY, DHARWAD

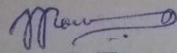


DEPARTMENT OF PHYSICS

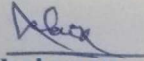
2020-2021

CERTIFICATE

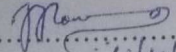
This is to certify that this dissertation entitled **INFRARED AND RAMAN SPECTROSCOPIC STUDY OF INDENE** submitted by **Renukaradhya S G (19S16056) Vijayalakshmi (19S16085) Virupaksh Sobarad (19S16087)** in partial fulfilment of the requirements for the award of Master of Science in Physics, is a record of the work carried out under my supervision and guidance. It is further certified that no part or whole of this dissertation has been submitted previously to Karnatak University for the award of M.Sc. degree.


Dr. Jayashree J Tonannavar

Project supervisor


Chairman

Department of Physics

Examiners: 1)  4/10/2021

2)

KARNATAK UNIVERSITY, DHARWAD

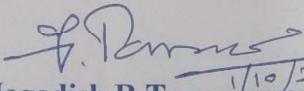


DEPARTMENT OF PHYSICS

2020-2021

CERTIFICATE

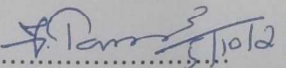
This is to certify that this dissertation entitled **Infrared Spectroscopic study of Allyl Alcohol and Acrolein** submitted by **Maruthi Prasad T (19S16038) Neha M Rathod (19S16042) Nikhil V R (19S16043)** in partial fulfilment of the requirements for the award of Master of Science in Physics, is a record of the work carried out under my supervision and guidance. It is further certified that no part or whole of this dissertation has been submitted previously to Karnatak University for the award of M.Sc. degree.


1/10/2021
Prof. Jagadish R Tonannavar

Project supervisor


8/10/2021
Chairman

Department of Physics

Examiners: 1)  1/10/21
2)

KARNATAK UNIVERSITY, DHARWAD

ACCREDITED BY NAAC 'A' GRADE




DEPARTMENT OF PHYSICS

2020-2021

CERTIFICATE

This is to certify that this dissertation entitled "Vibrational Spectroscopic Study Of Chelidonic acid" submitted by Miss. Anupama V Manglenavar (Reg No:19S16026), Miss Amruta Dambal (Reg.No:19S16024). In partial fulfilment of the requirements for the award of Master of Science in Physics, is a record of the work carried out under my supervision and guidance. It is further certified that no part of this dissertation is submitted for the award of any degree.


Dr S S Malaganvi / Prof J R Tonanavar

Project supervisor


Chairman

Department of Physics

Examiners: 1)

2)

KARNATAK UNIVERSITY DHARWAD




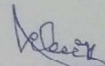
DEPARTMENT OF PHYSICS

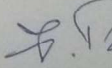
2020 - 2021

Certificate

This is to certify that this dissertation entitled **"Infrared Spectroscopic Study Of 4-Hydroxybenzaldehyde"** submitted by **Ms.Apeksha U S** (Reg.No:19S16028) and **Ms. Gayathri H** (Reg.No:19S16030) in partial fulfilment of the requirements for the award of Master of Science in Physics is a record of the work carried out under my supervision and guidance. It is further certified that no part of this dissertation is submitted for the award of any degree.


Dr. S.S. Malaganvi/Prof. Jagadish Tonannavar
Project Supervisor


Chairman
Department of physics

Examiners: 1) 
2)



KARNATAK UNIVERSITY DHARWAD

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ

DEPARTMENT STUDIES OF PHYSICS

“BOOLEAN ALGEBRA CALCULATOR USING C++ PROGRAMMING”

**A PROJECT REPORT SUBMITTED TO KARNATAK UNIVERSITY, DHARWAD
FOR THE AWARD OF DEGREE OF**

Master of Science IN PHYSICS

SUBMITTED BY

Ms. NIRMALA.S.DHANGI	(REG. NO: 19S16044)
Ms. PUSHPA LAMANI	(REG. NO: 19S16050)
Mr. RAKHESH.S. KANDGAL	(REG. NO: 19S16052)
Ms. SAFINA NAAZ BILAGI	(REG. NO: 19S16058)

Project Supervisor

Dr. ASHOK.H.SIDARAI

PROFESSOR DEPARTMENT OF PHYSICS, KARNATAK UNIVERSITY DHARWAD – 580003

(2020-2021)

“ DC MOTOR SPEED CONTROL USING PWM GENERATOR BY NE-555 TIMER : AS A STIRRER ”

*A Project report submitted to fulfillment of the requirements for
the degree of*

MASTER OF SCIENCE

In

PHYSICS

To



KARNATAK UNIVERSITY, DHARWAD.

By

Mr. AKSHAY ANANTA BHAT	(19S16022)
Mr. KOUSHIK S. PANDIT	(19S16037)
Ms. MEGHA TURAI DAR	(19S16039)
Ms. MEGHANA B.	(19S16040)

Under the supervision of
Dr. ASHOK H. SIDARAI
PROFESSOR
Department of Physics

2020-2021

DIELECTRIC PROPERTIES OF DIFFERENT SOLVENTS



Re- accredited by NAAC 'A' Grade

University with Potential for Excellence

DEPARTMENT OF PHYSICS

A DISSERTATION SUBMITTED TO KARNATAK UNIVERSITY
DHARWAD FOR THE PARTIAL FULFILLMENT OF DEGREE OF

MASTER OF SCIENCE

IN

PHYSICS

SUBMITTED BY

Miss. Akshata Manjunath Algeri (Reg.no. 19S16021)

Miss. Chandrika Bhosge (Reg.no. 19S16029)

Mr. Khasimsab (Reg.no. 19S16036)

Miss. Parvati S Kamble (Reg.no. 19S16047)

Under the guidance of

Prof. M.K. RABINAL

P.G. Department of Studies in Physics

Karnatak University, Dharwad

2020-2021

CERTIFICATE

KARNATAK UNIVERSITY, DHARWAD



DEPARTMENT OF PHYSICS

2020-2021

This is to certify that this dissertation entitled “Dielectric Properties of Solvents” submitted by Miss. Akshata Manjunath Algeri (Reg.No.19S16021), Miss. Chandrika Bhosge (Reg.No.19S16029), Mr. Khasimsab (Reg.No.19S16036) and Miss. Parvati S Kamble (Reg.No.19S16047) in partial fulfillment of the requirements for the award of Master of Science in Physics, is a record of the work carried out under my supervision and guidance. It is further certified that no part of this dissertation is submitted for the award of any degree.


Prof. M.K.RABINAL

Project supervisor

Place: Dharwad

Date:


Chairman

Department of Physics

Examiners: 1).....

2).....

KARNATAK UNIVERSITY, DHARWAD



*Re-Accredited by NAAC with 'A' grade
University with potential for excellence*

"LITERATURE REVIEW ON SOLAR DESALINATION"

DISSERTATION SUBMITTED TO
KARNATAK UNIVERSITY DHARWAD
FOR THE PARTIAL FULFILLMENT OF DEGREE OF

Master of Science

In

Physics

SUBMITTED BY

Mr. RAKESHKUMAR KAVALAGI [19S16051]

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DEPARTMENT OF PHYSICS

KARNATAK UNIVERSITY, DHARWAD - 580 003

2020-2021

KARNATAK UNIVERSITY, DHARWAD

DEPARTMENT OF PHYSICS



CERTIFICATE

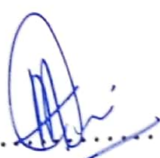
This is to certify that this dissertation entitled **“LITERATURE REVIEW ON SOLAR DESALINATION”** submitted by **Mr. Rakeshkumar Kavalagi (Reg.No.19S16051)**, **Mr. Ramesh S Gouda(Reg.No.19S16053)** and **Mr. Shambhulinga H Chakrasali (Reg.No.19S16064)** For the partial fulfilment of the requirements for the award of **Master of Science in Physics**, is a record of the work carried out under my supervision and guidance. It is further certified that no part of this dissertation is submitted for the award of any degree.


Prof. M. K. Rabinal

Project supervisor


Chairman

Department of Physics

Examiners: 1).....

2).....



KARNATAK UNIVERSITY, DHARWAD
DEPARTMENT OF STUDIES IN PHYSICS

"Solution based Arc Deposition by Nanoparticles"

A PROJECT REPORT SUBMITTED TO KARNATAK UNIVERSITY, DHARWAD FOR THE
AWARD OF DEGREE OF

Master of Science IN Physics

BY

Ms .Anjana .S. Buradikatti (19S16025)

Ms .Sheetal .S. Naik (19S16065)

Ms. Usha .M. Rangannavar (19S16081)

UNDER THE GUIDANCE OF

Prof. M. K. Rabinal

Professor Department of Physics


Karnatak University, Dharwad(2020-21)



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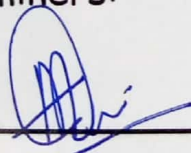
CERTIFICATE

This is to certify that, the dissertation entitled
"Solution based Arc deposition by Nanoparticles"
submitted to Karnatak University, Dharwad by **Ms. Anjana
. S. Buradikatti , Ms. Sheetal .S. Naik and Ms. Usha .M.
Rangannavar** in partial fulfillment of requirements for the
award of Master of Science in Physics.


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Prof. L.R. Naik

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1. 

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**A DISSERTATION SUBMITTED TO
KARNATAK UNIVERSITY, DHARWAD
IN PARTIAL FULFILMENT FOR THE AWARD OF DEGREE OF**

MASTER OF SCIENCE

**IN
PHYSICS**

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A GRADE

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This is to certify that the dissertation work entitled
“SYNTHESIS AND EXTRACTION OF SODIUM SILICATE
FROM SAND” submitted by **SHAHANA SAYED, SAHANA G
GAONKAR, AMEER SOHAIL NADAF** at Post Graduate
Department of Studies in Physics, **KARNATAK UNIVERSITY
Dharwad**. The project report is being submitted in partial fulfillment
for the award of **MASTER OF SCIENCE IN PHYSICS**, During the
year 2020-2021.

PROJECT SUPERVISOR

CHAIRMAN

PLACE: DHARWAD

DATE:

EXAMINERS

KARNATAK UNIVERSITY, DHARWAD



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DEPARTMENT OF PHYSICS

2020-2021

Stretchable graphite-resin sensor

Dissertation submitted to the Karnataka University, Dharwad
for the partial fulfilment of degree of

MASTER OF SCIENCE IN PHYSICS

SUBMITTED BY

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2020-21



CERTIFICATE

This is to certify that the project entitled "**Stretchable graphite-resin sensor**" is submitted by the following final year students of degree of Master of Science in PHYSICS

Keerthi. B(19S16035)

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This report is a record of project work carried out by team at the department of Physics, Karnataka University, Dharwad during our period of study under my supervision. This work has not previously formed the basis for the award of any Degree or Diploma or Associate ship or Fellowship or other similar titles to any candidate of this or any other university.

Prof. M. K. Rabinal

Project supervisor
Department of Physics
Karnataka University, Dharwad

Prof. L. R. Naik

Chairman
Department of Physics

Place: Dharwad

Date:

Examiners:

1)

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