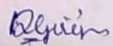

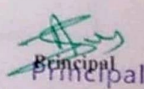


B.L.D.E. Association
S.B.Arts and KCP Science College Vijayapur
Dept of PG Studies in Physics
Seed Money Student List

No	Student Name	Reg No	Title of the Project	Guide	Seed Money	Year
1	Anuradha I Jangamashetti	PH161402	Synthesis and Characterization of Cadmium Oxide Nanoparticle and Preparation of Nanocomposites <i>Polyvinilene</i>	Dr.Girija Nimbale	8000	2018-2019
2	Amrutha Bhogi	PH181401	Green Synthesis And Characterisation of Silver Nanoparticles Using Duranta Erecta	Dr.Girija Nimbale	7000	2019-2020
	Arpita Patil	PH181402				
	Hrishikesh Dixit	PH181403				


 Coordinator
Co-ordinator
 Department of PG Studies in Physics
 S.B. Arts and KCP Science College
 VIJAYAPUR


 IQAC Co-ordinator
IQAC, Co-ordinator
 S.B.Arts & K.C.P.Science College,
 Vijayapur.


 Principal,
 S.B. Arts and KCP Science College
 VIJAYAPUR



Rani Channamma University, Belagavi
 B. L. D. E. ASSOCIATION's
 S. B. ARTS & K. C. P Science College, Vijayapur



Department of PG Studies in Physics

CERTIFICATE

This is to certify the work of project entitled "GREEN SYNTHESIS AND CHARACTERISATION OF SILVER NANOPARTICLES USING *Duranta erecta*" For the award of degree in Master of Science in Physics by the Rani Channamma University, Belagavi, as a bonafied record of the project work carried out by him/her under our supervision for the academic year 2019-2020.

Is being submitted by-

PH181401
 PH181402
 PH181403

AMRUTA BHOGI
 ARPITA PATIL
 HRISHIKESH DIXIT

Devi's
 GUIDE

Devi's
 CO-ORDINATOR
 Co-ordinator

Department of PG Studies in Physics
 S.B. Arts and KCP Science College
 VIJAYAPUR

PRINCIPAL

Principal,
 S.B. Arts & K.C.P. Se. College
 Bijapur.

EXAMINERS: 1.....*Srinivas*.....
 25/09/20

2.....*Devi's*.....
 25/9/20

Devi's
 Co-ordinator

Department of PG Studies in Physics
 S.B. Arts and KCP Science College
 VIJAYAPUR

Devi's
 IQAC, Co-ordinator

S.B. Arts & K.C.P. Science College,
 Vijayapur.

Devi's
 Principal,

S.B. Arts and KCP Science College
 VIJAYAPUR

From:

Aspita . A . Patil
Amruta . S . Bhogi
Hrishikesh . R . Dixit

To:

The Principal,
S. B. Arts & K. C. P Science College
Vijayapura - 586103

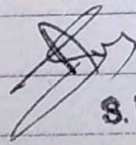
Sub: Regarding Seed money for project
2019-2020

Respected Sir,

We, the above mentioned students of PG-IV
Semester Physics, under the guidance of
Dr. Ginja . M . Nimbal mam are performing the
project for the academic year - 2019-2020
Project title: - "Green synthesis & characterization
of silver nanoparticles from aqueous leaf
extract of - 'Duranta erecta' plant

The estimated amount for the
project is enclosed so we request you
Sir to sanction the seed money for
the project

Thankyou very much

 Principal,
S. B. Arts & KCP Sc. College,
Bijapur

Date - 28-02-2020

Place - Vijayapura

Yours faithfully

(Hrishikesh . Dixit)

Dy. Prins

(28/02/2020)

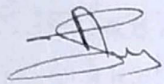
(Dr. Ginja M Nimbal)

Continued

GREEN SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLES FROM AQUEOUS LEAF EXTRACT OF 'Duranta erecta' PLANT

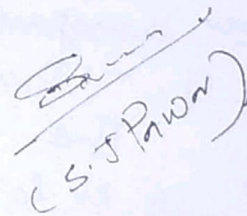
Silver Nanoparticles of size 1- 100 nm are being prepared by reducing AgNO₃ solution in the leaf extract of Duranta erecta and which have antibacterial activity against gram negative bacteria. The synthesized nanoparticles are further characterized under FESEM, FTIR, UV-Vis and XRD in the CENS laboratory Bengaluru.

Compound/characterization	Quantity	Price
1.Silver Nitrate-AR Grade	1×10gms	₹1878/-
2.Deionised water	1×5liters	₹300/-
3.Magnetic stirring bead	1	₹100/-
4.FTIR	1	₹500/-
5.UV-VIS-NIR	1	₹300/-
6.XRD	1	₹1200/-
7.FESEM- EDS	1	₹1000/-
8.EDX	1.	₹800/-
	Total:	₹6078/-

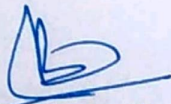


Principal,
S. B. Arts & KCP Sc. College,
Bijapur

Sanctioned Rs. 6078/-
on 4-3-20
R.H. B. D. Jayaram
Headmaster



(C.S. Jayaram)



IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.



Principal,
S.B. Arts and KCP Science College
VIJAYAPUR