



TARANATH SHIKSHANA SAMSTHE

LAXMI VENKATESH DESAI COLLEGE, RAICHUR

Affiliated to Gulbarga University, Kalaburagi & Raichur University, Raichur



UUCMS Awareness Program on 21-08-2021



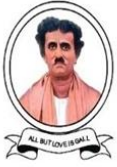
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2022-23 Raichur Taluka Level Free Computer Tally Training with stipend (3 Months) by Zilla Panchayat Raichur held at LVD College Raichur



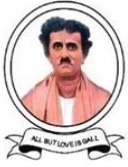
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**A Special Lecture on Financial Environment by Miss.Poojitha BRB
College Raichur (20-08-2022) and Digital Marketing by Sunil Patil
Alumni Student (14-02-2023)**



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Students Participating in Experimental Learning on Hardware 13-03-2023

DEPARTMENT OF PHYSICS

Guest Lectures Using a ICT

Organized :Physics Department.

Resource Person: Ms.SHILPA PALLAKKI, Asst.Prof. and Head, Department of Physics, AME'S Degree College Raichur

Topic "CRYSTAL STRUCTURE" on dated 23-03-2023 for B.Sc.IV and VI as per the syllabus.

Prof SHILPA PALLAKKI madam guided the students about the Crystal Structure; it is obtained by attaching atoms, groups of atoms or molecules. This structure occurs from the intrinsic nature of the constituent particles to produce symmetric patterns.

Ms.Vimala K. R introduced the guest and remarked vote of thanks. Prof .P.H Narahatti Principal and Dr Venkatesh B Devaru IQAC co coordinator and all B.Sc IV and VI sem students were present for the lecture.





DEPARTMENT OF PHYSICS

Guest Lectures Using a ICT

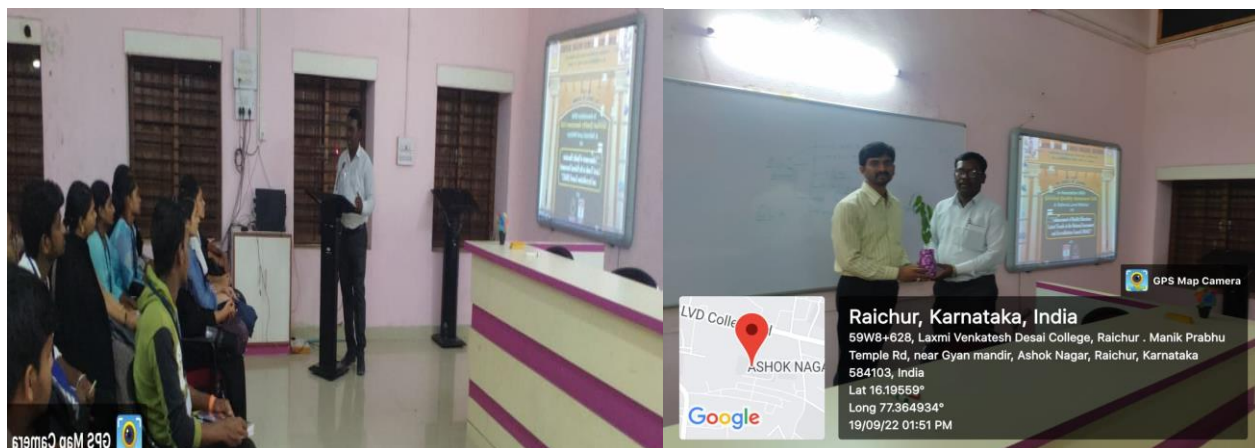
Organized : Physics Department.

Resource Person: Mr. Sharanabasaveshwar S, Department of Physics, GFGC, Afzalpur, Kalaburagi

Topic “**Fundamentals of physics**” on dated 19-09-2022 for B.Sc.I, students as per the syllabus.

Prof Sharanabasaveshwar S, sir speaker informed about the development in physics is continuous process. Today, the physics of complex systems has become more and more important. However, the basic laws (integrals of motion, how to implement symmetries, continuous and discrete symmetries) are still the same. All new physical theories have to obey the basic laws and symmetries which were observed and investigated in the 20th century.

Ms.Chaitra introduced the guest and remarked vote of thanks. **Dr. Venkatesh B Devaru** Principal and **Dr Jayateertha N S** IQAC co coordinator and all B.Sc I,sem students were present for the lecture.



DEPARTMENT OF PHYSICS

Guest Lectures Using a ICT

Organized :Physics Department.

Resource Person: Miss Vimala K R, AME's Degree College Raichur,

Topic “**Nuclear Reactions**” on dated 25-02-2019t for B.Sc. V as per the syllabus.

Prof miss Vimala madam speaker informed about the nature and utility of nuclear reactions, especially in the context of radioactive rare-isotope exotic beams. And also speaker focused much of what we need to know to understand basic nuclear reactions are not very complicated.

Mr. Vijakumar introduced the guest and remarked vote of thanks. **Prof. Chandrakanth**, Principal and **Dr Venkatesh B Devaru IQAC coordinator** and all B.Sc V sem students were present for the lecture.



DEPARTMENT OF PHYSICS

Guest Lectures Using a ICT

Organized :Physics Department.

Resource Person: **Dr. Ashwajeet J.S** Department of Physics Davanagere University,
Davanagere,

Topic “**CRYSTAL STRUCTURE** “on dated 01-09-2023t for both UG and PG studentsas per the syllabus.

Prof **Dr. Ashwajeet J.S** deliver the lecture about the Crystal Structure, it is ubiquitous in nature and represent a key element in several scientific fields such as mineralogy, chemistry, physics, metallurgy, geology, biology, and medicine

The vast majority of materials are crystalline, and so any study of materials must start with introducing some basics of crystallography including the use of a unit cell to describe the periodicity in the crystal and how to represent symmetry in crystals. In a crystal, the atoms form a periodic lattice that can act as a diffraction grating to radiation, and diffraction is therefore an important characterisation tool.

Dr. Chakradhar B Asst prof and HOD of physics departments introduced the guest and remarked vote of thanks. **Dr Venkatesh B Devaru.**, Principal and **Dr. Jayatheerth N S IQAC coordinator** and both UG and PG students were present for the lecture.



DEPARTMENT OF PHYSICS

Guest Lectures Using a ICT

Organized :Physics Department.

Resource Person: **Dr. Avinash P** Department of Physics VSK University, Bellary,

Topic “**Nuclear Models** “on dated 02-09-2023t for both UG and PG students as per the syllabus.

Prof Dr. Avinash P deliver the lecture , on focusing with the shell model (SM), as this SM model entered into nuclear physics almost 70 years ago after Maria Goeppert Mayer and Hans Jensen - who shared the Nobel prize in 1963 for their work – were able to explain the mystery behind the magic numbers associated with the great stability in the ground state of some nuclides.

Dr. Chakradhar B Asst prof and HOD of physics departments introduced the guest and remarked vote of thanks. **Dr Venkatesh B Devaru.**, Principal and **Dr. Jayatheerth N S** IQAC co coordinator and both UG and PG students were present for the lecture.



DEPARTMENT OF PHYSICS

Guest Lectures Using a ICT

Organized :Physics Department.

Resource Person: by **Prof. Mahadev Chawhan**, Department of Physics, Kohinoor Degree College, Kalaburagi

Topic “**Special theory of Relativity** ” on dated 18-09-2022 for B.Sc I,III and V sem students as per the syllabus.

Prof. Mahadev Chawhan speaker enlightened about Albert Einstein and the theory which he has postulated about the special theory of relativity to explain the energy relationship with mass, space and time from the general theory of relativity. The special theory of relativity says that space and time are relative concepts and light travels at a constant speed in a vacuum.

Dr. Chakradhar B Asst prof and HOD of physics departments introduced the guest and remarked vote of thanks. **Dr Venkatesh B Devaru** Principal and **Dr.Jayateerth .N.S IQAC coordinator** and all B.Sc I,III and V sem students were present for the lecture.



DEPARTMENT OF PHYSICS

Guest Lectures Using a ICT

Organized :Physics Department.

Resource Person: by **Prof. Pratap .J** Department of Physics, S.R.P.S PU College, Raichur

Topic : “**Polarisation**” on dated 12-03-2019 for B.Sc III sem students as per the syllabus.

Prof. Pratap .J speaker gave introduction to the topic, Polarization, in Physics, is defined as a phenomenon caused due to the wave nature of electromagnetic radiation.

Light, viewed classically, is a transverse electromagnetic wave. Namely, the underlying oscillation (in this case oscillating electric and magnetic fields) is along directions perpendicular to the direction of propagation. and speaker discussed that Light may be polarized by passing it through a sheet of commercial material called Polaroid, invented by E.H. Land in 1938.

Mr. Mukkanna introduced the guest and remarked vote of thanks. **Prof. Chandrakanth**

Principal and **Dr. Venkatesh B Devaru** IQAC coordinator and all B.Sc III sem students were present for the lecture.



INDUSTRIAL VISIT (AKHILA FOODS AND BEVERAGES) 16-1-2023



REPORT:

Students of Department of Zoology visited to “AKHILA FOODS AND BEVERAGES” under the guidance of faculties Dr. Manjunath. K, Mrs. Akshatha and Miss. Swathi.

A special lecture was organized to understand the process involved in the structure and working of the water purification plant.

Students got an excellent benefit by visiting the biggest water purification plant in this area with and understand about the purification methods.

Water treatment is whereby the used water or raw water from the river is treated in process to make the water more acceptable for a desired end-used. The goal of water treatment is to remove existing contaminants in the water, or reduce the concentration of such contaminants so the water becomes fit for its desired end-used. The process involved in treating water is solids separation using physical process and chemical process.

Before the water is distributed into the public houses, the water has to undergo the water treatment process such as follows: -

- It is also to increase DO level in water and remove DOC
- Coagulation is the removal of turbidity from the water.
- Turbidity is a cloudy appearance of water caused by small particles suspended therein.

Water with little or no turbidity will clear.

- Disinfection is to destroy pathogens within a practicable period of time.

This field visit knowledge to the students about the purification of water on large scale and made us aware about the quality of water since it may affect the human health especially

INTERNSHIP ON VIROLOGY AND COVID-19 RESEARCH

IIT KHARGPUR (3-3-2023)



REPORT:

Department of Zoology with E-Cell Kharagpur (IIT) Internship organized hands on training on

“Virology and Covid-19 Research”.

MakeIntern workshop partner of E-Cell (IIT Kharagpur) is putting up 35 training centers across PAN India for being a part of the National Level Championship @IIT Campus.

Resource faculty Dr. Vidyasagar had special talk on merging trend in scientific research area about the Virology and Covid-19.

Coronaviruses are important human and animal pathogens. At the end of 2019, a novel coronavirus was identified as the cause of a cluster of pneumonia cases in Wuhan, a city in the Hubei Province of China. It rapidly spread, resulting in an epidemic throughout China, followed by a global pandemic. In February 2020, the World Health Organization (WHO) designated the disease COVID-19, which stands for coronavirus disease 2019. The virus that causes COVID-19 is designated severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2); previously, it was referred to as 2019-nCoV. The WHO declared an end to the COVID-19 global health emergency in May 2023, more than three years after its emergence.

The two day session mainly focused and discussed about the virology, epidemiology, and prevention of COVID-19.

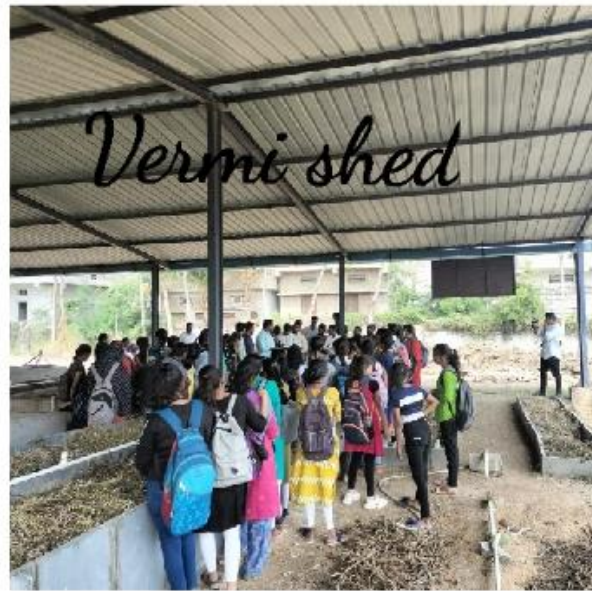
The student participants are satisfied for attending the sessions and most of them given excellent feedback.

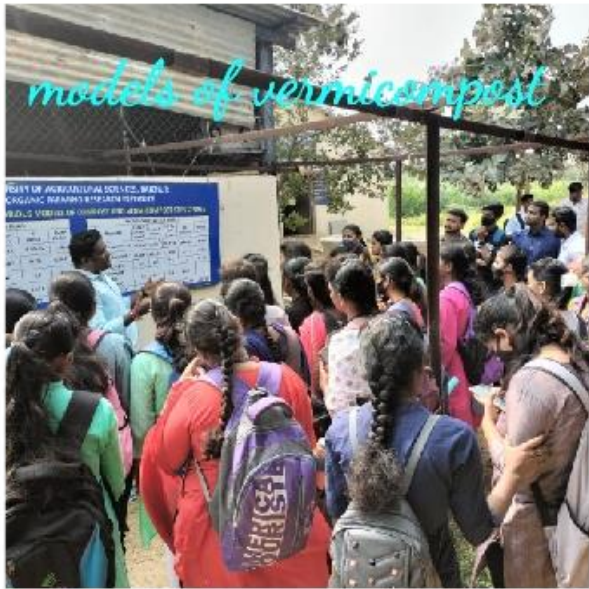


Raichur, Karnataka, India
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Raichur, Karnataka 584101, India
Lat 16.195996°
Long 77.36505°
06/01/23 09:59 AM GMT +05:30



A field trip to Vermini Composting and Dairy unit
UAS Raichur
Organized by IQAC L V D College Raichur







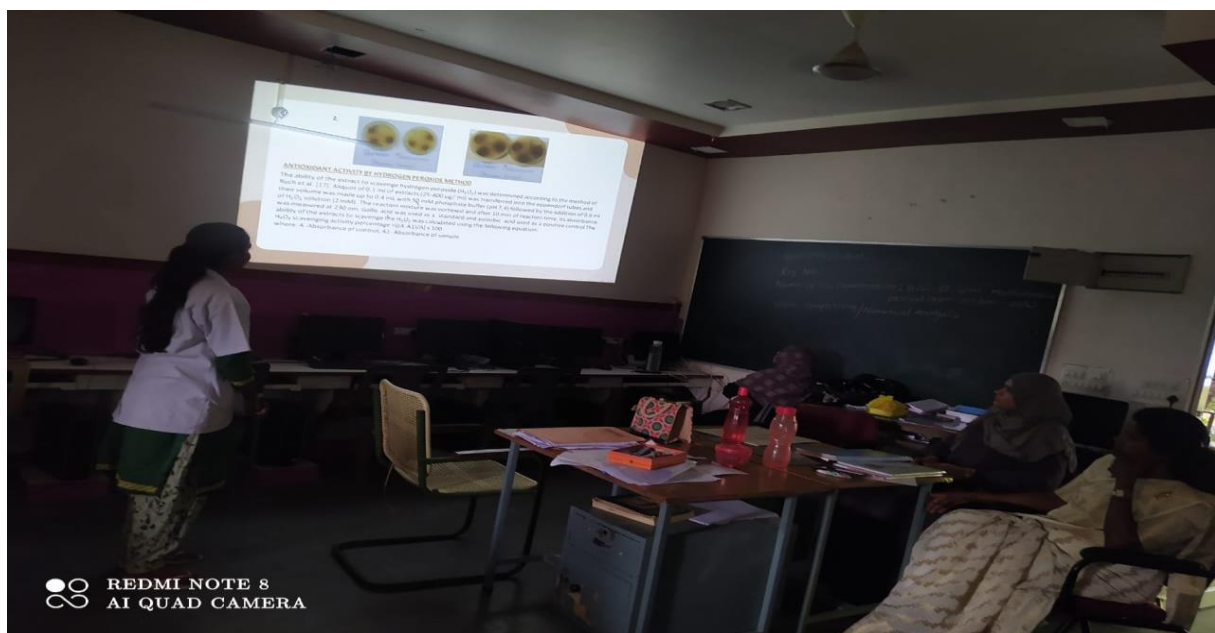
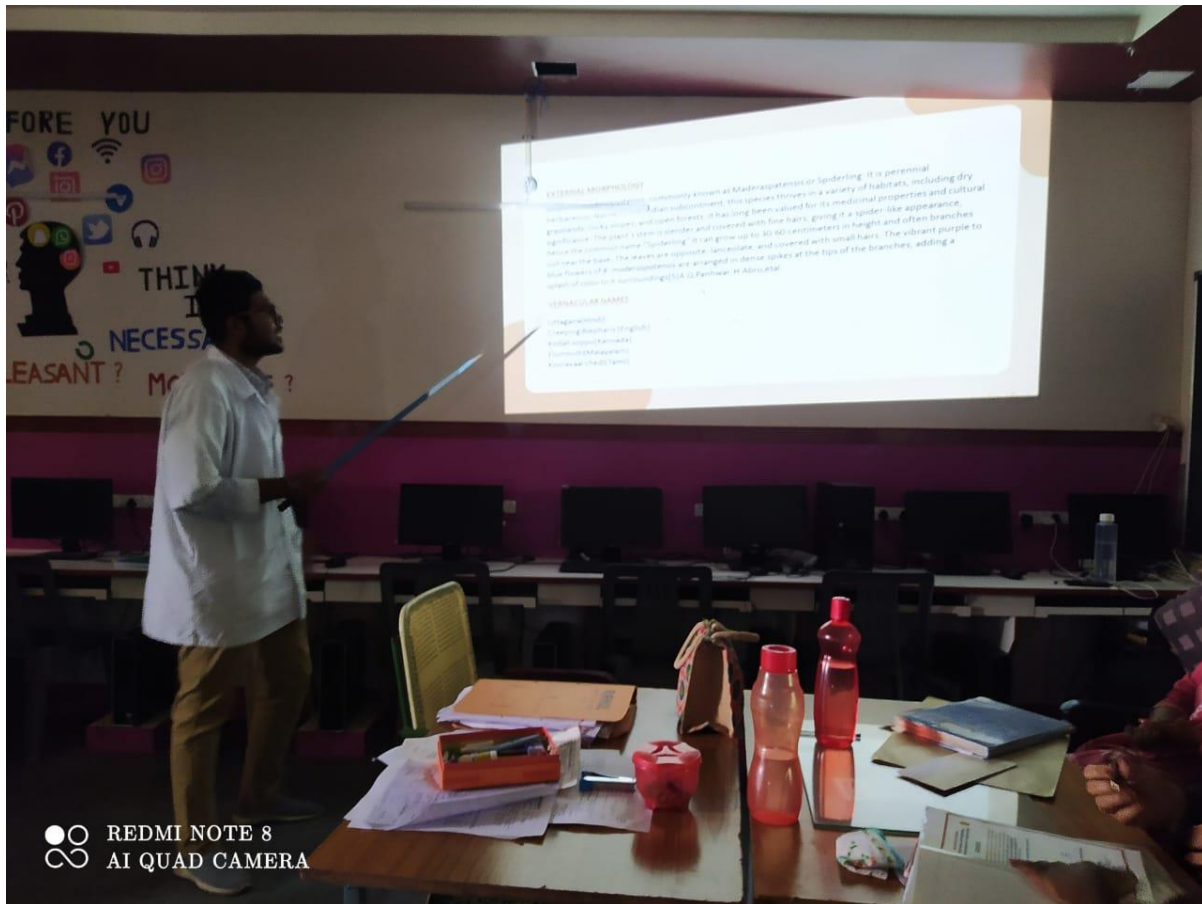
I thank Dr. Basavaraj, Director of Education at UAS, Raichur for making the arrangements. I also thank Shri Arund for giving detailed information about vermicomposting. I also extend my sincere gratitude to the Eco Club Team of L.V.D. College Raichur for their support.



DEPARTMENT OF BIOTECHNOLOGY

B.Sc. VI Sem Project Work Presentation 2022-23

Evaluation of Antimicrobial and Antioxidant Activity of Plant *Blepharis maderaspatensis*



**"EVALUATION OF ANTIMICROBIAL AND ANTIOXIDANT
ACTIVITY OF PLANT *Blepharis maderaspatensis* "**



A Project Dissertation submitted for the partial fulfillment of Degree in
"BACHELOR OF SCIENCE IN BIOTECHNOLOGY"

DSEBTT-2

Submitted By

VAISHNAVI NAYAK	- S2184183
NAMITHA	- S2184240
ARSHIYA ZAREEN	- S2184247
MANOJ KUMAR T S	- S2184284
H M HEMA NAYAK	- S2184286
SUDHARSHAN V	- S2184298
SHREE MYNA SHREE	- S2184360

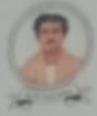
Research Guide-

Smt. HEMALATHA S.A., HOD

Miss. JYOTHI, Asst prof



Department of Biotechnology
LAXMI VENKATESH DESAI COLLEGE
RAICHUR-584102
2022-2023



TARANATHI SHIKSHANA SAMSTHE
(Affiliated to Gulbarga University, Gulbarga)
(Nationally Re-Accredited with 'B' Grade by NAAC)



CERTIFICATE

This is to certify that, VAISHNAVI NAYAK, REGISTER NO- S2184183, NAMITHA, REGISTER NO-S2184240, ARSHIYA ZAREEN, REGISTER NO- S2184247, MANOJ KUMAR T S, REGISTER NO -S2184284, H M HEMA NAYAK, REGISTER NO - S2184286 , SUDHARSHAN V, REGISTER NO - S2184298, SHREE MYNA SHREE, REGISTER NO - S2184360, B.Sc. Biotechnology, sixth semester, Department of Biotechnology, Laxmi Venkatesh Desai College, Raichur have satisfactorily carried out a project entitled "EVALUATION OF ANTIMICROBIAL AND ANTIOXIDANT ACTIVITY OF PLANT *Blepharis maderaspatensis* " at the Department of Biotechnology L. V. D College, Raichur.

Under the guidance and supervision of Prof. HEMALATHA S.A, HOD. Dept of Biotechnology & Asst. Prof. JYOTHI.

Principal
PRINCIPAL

L.V.D. College, RAICHUR-03.

Staff member
incharge

1.
2.

H.O.D.

Dept of Biotechnology
L.V.D. College, RAICHUR
HOD Dept of Biotechnology

Examiners:-

1.
9/11/2022
2.
9/11/22

DEPARTMENT OF BIOTECHNOLOGY

B.Sc. VI Sem Project Work Presentation 2022-23

Phytochemical Analysis and Antimicrobial Activity of Plant

Mukia maderaspatana



PHYTOCHEMICAL ANALYSIS AND ANTIMICROBIAL
ACTIVITY OF PLANT *Mukia maderaspatana*



A Project Dissertation submitted for the partial fulfillment
of Degree in,

"BACHELOR OF SCIENCE IN BIOTECHNOLOGY"

DSEBTT-2

Submitted By

REDDY RAGHAVENDRA - S2184221
SAFOORA ANJUM - S2184288
SYEDA SABI FATIMA - S2184291
N S LAVANYA - S2184310
YAMUNA D - S2184317
PRAVEENAKUMAR - 91953172

Research Guide-

Smt. HEMALATHA S.A, HOD

Miss. JYOTHI, Asst prof



Department of Biotechnology
LAXMI VENKATESH DESAI COLLEGE
RAICHUR-584102

2022-2023

TARANATH SHIKSHANA SAMASTE
(Affiliated to Gulbarga University, Kalburgi)
(Re-Accredited by NAAC with 'B' Grade)

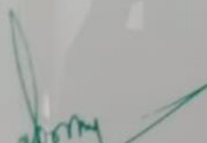


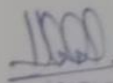
LAXMI VENKATESH DESAI COLLEGE RAICHUR-584102




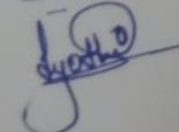
CERTIFICATE

WE REDDY RAGHAVENDRA REGISTER NO- S2184221, SAFOORA ANJUM REGISTER NO- S2184288, SYEDA SABI FATIMA REGISTER NO- S2184291, N S LAVANYA REGISTER NO- S2184310, YAMUNA D REGISTER NO- S2184317, PRAVEENAKUMAR REGISTER NO- 91953172, B.Sc. *Biotechnology*, sixth semester, Department of Biotechnology, Laxmi Venkatesh Desai College, Raichur, have satisfactorily carried out the project entitled "PHYTOCHEMICAL ANALYSIS AND ANTIMICROBIAL ACTIVITY OF PLANT *Mukia madraspatana*" carried out at the department of biotechnology, LVD college, Raichur, under the guidance and supervision of Prof. Smt. HEMALATHA S A, HOD of Dept. of Biotechnology & Asst prof. miss. JYOTHI.

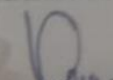
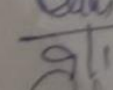

Principal
PRINCIPAL
L.V.D. College, RAICHUR-03


H.O.D.
Dept of Biotechnology
L.V.D. College, RAICHUR,
HOD Dept. of Biotechnology

Staff incharge

- 
- 

EXAMINERS:

- 
9/11/2022
- 
9/11/2022

