

**“PHYTOCHEMICAL SCREENING OF *Hibiscus rosa sinensis*”**

*A dissertation submitted in partial fulfillment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

(Session 2020-2022)



By

**Jayoti Malakar**

**UNDER THE GUIDANCE OF**

**Dr. Anita Chauhan**

(Assistant Professor Department of Botany)

**DEPARTMENT OF BOTANY**

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**CERTIFICATE**

This is to certify that Ms. Jayoti Malakar worked under my supervision for the M.Sc. Degree on the topic entitled “**PHYTOCHEMICAL SCREENING OF *Hibiscus rosa sinensis***”. The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

*Amita.*

**Head of Department**  
Dr. Amita Singh

*Anita*

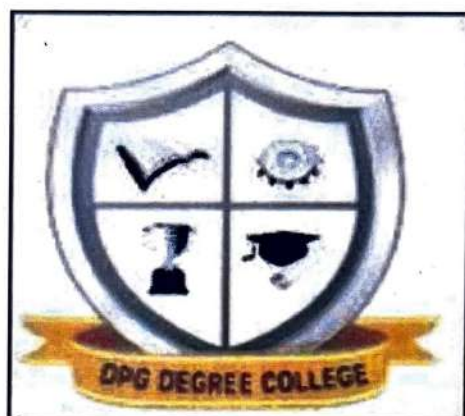
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**“Phytochemical Investigation of Amaranthus viridis”**

*A dissertation submitted in partial fulfilment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

(Session 2021-2022)



By

**Deepak Tyagi**

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DECLARATION

### CERTIFICATE

This work embodied in this dissertation entitled "Phytochemical Investigation of *Amaranthus viridis*" is an original piece of work carried out by me at Department of Botany,

This is to certify that Mr. Deepak Tyagi worked under my supervision for the M.Sc. Degree on the topic entitled "**Phytochemical Investigation of *Amaranthus viridis***". The dissertation submitted by his embodies the work done by candidate himself and has not been submitted for any other degree.

*Amita*

Head of Department

Dr. Amita Singh

*Priyanka Chaudhary*

Supervisor

Dr. Priyanka Chaudhary

**“PHYTOCHEMICAL SCREENING OF *Nerium oleander*”**

*A dissertation submitted in partial fulfillment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

(Session 2020-2022)



By

**Manisha Rani**

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This is to certify that Ms. Manisha Rani worked under my supervision for the M.Sc. Degree on the topic entitled “**PHYTOCHEMICAL SCREENING OF *Nerium oleander***”. The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

*Amita*  
**Head of Department**  
Dr. Amita Singh

*Anita*  
**Supervisor**  
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# **“MORINGA OLEIFERA – A MULTIPURPOSE TREE”**

*A dissertation submitted in partial fulfillment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

(Session 2021-2022)



**By**

**Renu**

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This is to certify that Ms. Renu worked under my supervision for the M.Sc. Degree on the topic entitled "MORINGA-OLEIFERA -A MULTIPURPOSE TREE".

The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

*Amita*

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Dr. Amita Chauhan

*Amita*  
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**"Phytochemical Investigation of *Salvia hispanica*"**

A dissertation submitted in partial fulfillment of the requirement for the degree of

**MASTER OF SCIENCE IN BOTANY**

(Session 2021-2022)



By

**Pargati**

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**Dr. Anita Chauhan**

**Dated.**

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**CERTIFICATE**

**This is to certify that Ms. Pargati worked under my supervision for the M.Sc. Degree on the topic entitled "Phytochemical Investigation of *Solvia hispanica*".**

**The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.**

**Anita.**  
**Head of Department**

**Dr. Anita Singh**

**Anita**  
**Supervisor**

**Dr. Anita Chauhan**

# **Medical Properties of Cymbopogon citratus A Review**

*A dissertation submitted in partial fulfillment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

**(Session 2021-2022)**



**By**

**Priyanka**

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This is to certify that Mrs Priyanka under my supervision for the M.Sc. Degree on the topic entitled "Medical Properties of Cymbopogon citratus" A Review. The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

Head of Department

Dr. Amita Singh



Supervisor

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# **“Phytochemical screening of *Syzygium cumini* (Jamun)”**

*A dissertation submitted in partial fulfillment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

(Session 2020-2022)



**By  
Niharika**

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*Amita*  
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Dr.Amita Singh

*Priyanka  
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**" Medicinal values of Neem and sheesham "**

*A dissertation submitted in partial fulfilment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**  
(Session 2021-2022)



**By**

**SHALU KHATANA**

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This is to certify that Ms. Shalu Khatana worked under my supervision for the M.Sc. Degree on the topic entitled "Medicinal values of Neem and sheesham"

The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

Head of Department  
Dr. Amita Singh

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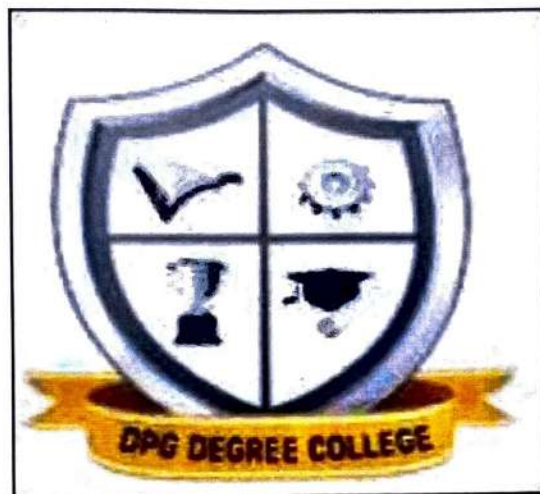


# **Phytochemical investigation of *Kalanachae pinnata***

**A dissertation submitted in partial fulfilment of the requirement for the degree of**

**MASTER OF SCIENCE IN BOTANY**

**(Session 2021-2022)**



**By**

**Pinki**

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This is to certify that Ms. Pinki worked under my supervision for the M.Sc. Degree on the topic entitled “Phytochemical investigation of *Kalanachae pinnata*”. The dissertation submitted by his embodies the work done by candidate himself and has not been submitted for any other degree.

  
**Head of Department**

**Dr. Amita Singh**

  
**Supervisor**

**Dr. Priyanka Chaudhary**

*“Secondary Metabolites in Tagetes erecta”*

A dissertation submitted in a partial fulfillment of the requirement for  
the degree of

MASTER OF SCIENCE IN BOTANY

(Session 2021-2022)



By

Jyoti

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**CERTIFICATE**

The research work comprised in the Dissertation titled "*Secondary Metabolites in Tagetes erecta*" has been executed by *Jyoti* in Department of Botany, DPG institute Of Technology & Management sector 34 Gurgaon Haryana India in partial fulfillment of requirement for the degree of MSC in BOTANY. The work submitted is original and has not been submitted so far, in part or full for any other degree or diploma of other university.

*Amita*  
Head of the department

Dr Amita Singh

Date

*Anita*  
Supervisor

Anita chauhan

**Effect of NAA on growth of Parthenium and study of biochemical and physiological activity and composting behaviour of *Parthenium hysterophorus* L.**

A dissertation submitted in partial fulfilment of the requirement for the degree of

**MASTER OF SCIENCE IN BOTANY**

**(Session 2021-2022)**



**By**

**Sweta Kumari**

**UNDER THE GUIDANCE OF**

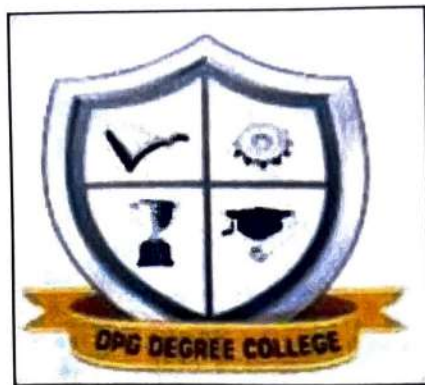
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This is to certify that Ms. Sweta Kumari worked under my supervision for the M.Sc. Degree on the topic entitled "Effect of NAA on growth of *Parthenium* and study of biochemical and physiological activity and composting behaviour of *Parthenium hysterophorus*". The dissertation submitted by his embodies the work done by candidate himself and has not been submitted for any other degree.

*Amita .*

**Head of Department**

**Dr. Amita Singh**

*Amita .*

**Supervisor**

# **“Meta- Analysis of *Ricinus communis*”**

*A dissertation submitted in partial fulfillment of the requirement for the degree  
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**MASTER OF SCIENCE IN BOTANY**

(Session 2021-2022)



**By**

**PRATIBHA**

**UNDER THE GUIDANCE OF**

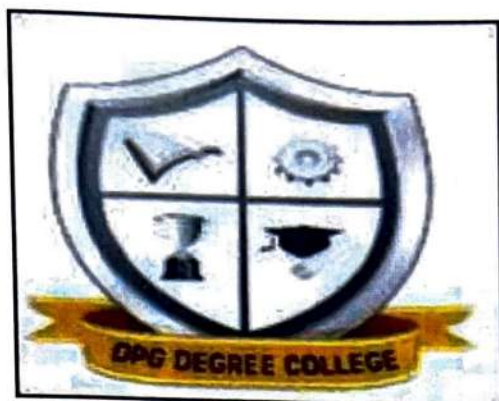
**Dr. Smita Pathak**

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#### DECLARATION

This work embodied in this dissertation entitled –“**Meta- Analysis of *Ricinus communis***” is an original piece of work carried out by me at Department of Botany, DPG Degree College, Gurgaon.

under the kind supervision of Dr.Smita Pathak. The results contained in this dissertation have not been submitted in part or full to any other university or institution for the ward of any degree or diploma to the best of my knowledge

  
Pratibha



**"Meta-analysis of Callistemon: *Callistemon citrinus*"**

*A dissertation submitted in partial fulfillment of the requirement for the degree*

*of*

**MASTER OF SCIENCE IN BOTANY**

**(Session 2021-2022)**



**By**

**PREKSHA RAMESH VERMA**

**UNDER THE GUIDANCE OF**

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Botany laboratory

Dated.

**CERTIFICATE**

This is to certify that Ms. Preksha Ramesh Verma worked under my supervision for the M.Sc. Degree on the topic entitled "Meta-analysis of Callistemon: *Callistemon citrinus*".

The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

*Amita.*  
Head of Department

Dr.Amita Singh

*Amita.*  
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Preksha Ramesh Verma

Dissertation

**“Comparative study: *Sanseveiria robusta* & *Sanseveiria laurentii*”**

*A dissertation submitted in partial fulfilment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

(Session 2021-2022)



**By**

**AASHU**

**UNDER THE GUIDANCE OF**

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**CERTIFICATE**

This is to certify that Ms. Aashu worked under my supervision for the M.Sc. Degree on the topic entitled “Comparative study: *Sanseveiria laurentii* & *Sanseveiria robusta*”

The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

*Amita.*  
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Supervisor

**"Phytochemical analysis of medicinally important wild plant:  
Verbesina encelioides"**

*A dissertation submitted in partial fulfillment of the requirement for the degree  
of*

**MASTER OF SCIENCE IN BOTANY  
(Session 2020-2021)**



**By  
Sanjeev Kaushik**

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This is to certify that **Sanjeev kaushik** worked under my supervision for the M.Sc. Degree on the topic entitled "**Phytochemical analysis of medicinally important wild plant: *Verbesina encelioides***".

The dissertation submitted by his embodies the work done by candidate herself and has not been submitted for any other degree.

  
Head of Department

**Dr. Amita Singh**

  
Supervisor

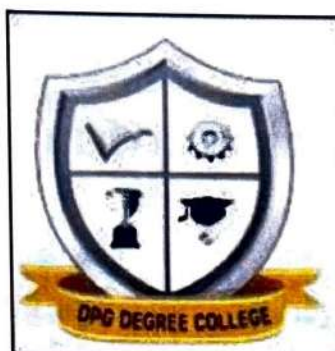
**Dr. Anita Chauhan**

**“Phytochemical Investigation of Ricinus communis”**

*A dissertation submitted in partial fulfilment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

(Session 2021-2022)



By

**Abhishek tyagi**

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This is to certify that Mr Abhishek Tyagi worked under my supervision for the M.Sc. Degree on the topic entitled "**Phytochemical Investigation of *Ricinus communis***".

The dissertation submitted by his embodies the work done by candidate himself and has not been submitted for any other degree.

Head of Department  
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Supervisor   
Dr. Anita Chauhan



**“PHYTOCHEMICAL ANALYSIS OF FENNEL & AJWAIN SEEDS.”**

*Dissertation submitted in partial fulfillment of the requirement for the Degree  
of*

**MASTER OF SCIENCE IN BOTANY**

**(Session 2021-2022 )**



**By**

**HARISH**

**Under The Guidance Of**

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This is to certify that **Mr. Harish** worked under my supervision for the M.Sc. Degree on the topic entitled **“Phytochemical Analysis of Fennel & Ajwain Seeds”**.

The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

*Amita*  
Head of Department

Dr. Amita Singh

*Smita Pathak*  
Supervisor

Dr. Smita Pathak

# **\*Medicinal Plant Used in COVID -19\***

*A dissertation submitted in partial fulfillment of the requirement for the degree  
of*

## **MASTER OF SCIENCE IN BOTANY**

(Session 2020-2022)



**By  
SIMPLE**

**UNDER THE GUIDANCE OF**

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This is to certify that Ms. **Simple** worked under my supervision for the M.Sc. Degree on the topic entitled "**Medicinal Plant used in COVID -19**".

The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

  
Head of Department  
Dr.Amita Singh

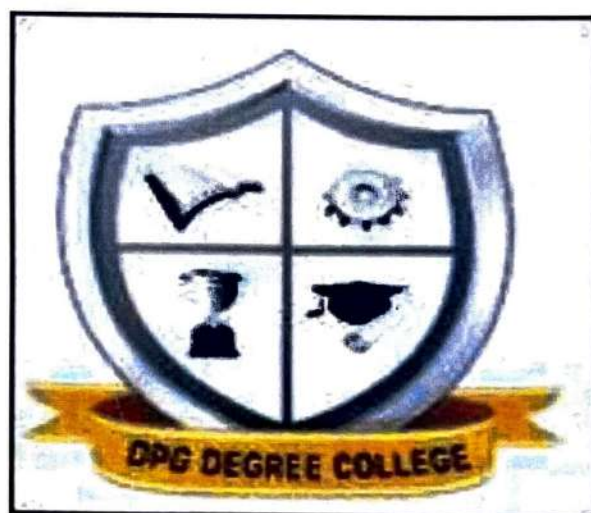
  
Supervisor  
Dr.Smita Pathak

# **“PHYTOCHEMICAL ANYAYSIS OF Acacia nilotica”**

*A dissertation submitted in partial fulfillment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

(Session 2021-2022)



**By**

**SAKSHI**

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**Botany laboratory  
Dr. Amita Singh**

## **CERTIFICATE**

**This is to certify that Ms. Sakshi worked under my supervision for the M.Sc. Degree on the topic entitled PHYTOCHEMICAL ANALYSIS OF Acacia nilotica**

**The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.**

*Amita .*  
**Head of Department  
Dr. Amita Singh**

*Amita .*  
**Supervisor**

# **"Meta-analysis of Hibiscus rosa sinensis"**

*A dissertation submitted in partial fulfillment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

**(Session 2021-2022)**



**By**

**Preety**

**UNDER THE GUIDANCE OF**

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**CERTIFICATE**

This is to certify that Ms.Preety worked under my supervision for the M.Sc. Degree on the topic entitled **"Meta-analysis of Hibiscus rosa sinensis"**. The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

*Amita*

Head of Department  
Dr. Amita Singh

Supervisor

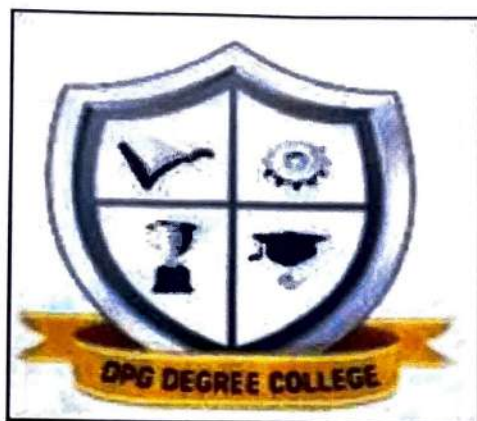
*[Handwritten Signature]*



# **Study of nutritional and medicinal values of drumstick leaves**

A dissertation submitted in partial fulfilment of the requirement for the degree of

## **MASTER OF SCIENCE IN BOTANY (Session 2021-2022)**



A Dissertation  
By  
Priyanka

Under the guidance of  
ANITA CHAUHAN  
(Assistant professor)

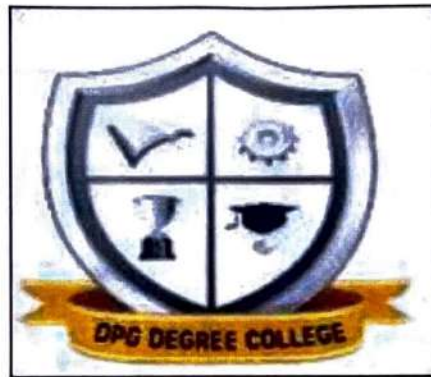
DEPARTMENT OF BOTANY  
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## CERTIFICATE

This is to certify that Priyanka worked under my supervision for the M.Sc. Degree on the topic entitled 'Study of nutritional and medicinal values of drumstick leaves.' The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

*Anita*  
Head of Department and Supervisor  
Dr. Anita Chauhan

*Anita*



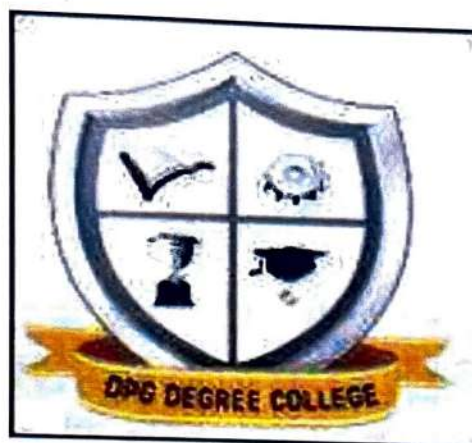
**DEPARTMENT OF BOTANY  
DPG DEGREE COLLEGE  
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**“Comparative analysis of the Phyto Chemical Contents of Fresh and dry  
Leaves of *Murraya koenigii*”**

*A dissertation submitted in partial fulfilment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

(Session 2021-2022)



**By**

**Anita**

**UNDER THE GUIDANCE OF**

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This is to certify that Ms Anita worked under my supervision for the M.Sc. Degree on the topic entitled “**Phytochemical Investigation of *Murraya Koenigii***”. The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

*Anita*  
Head of Department

Dr. Amita Singh

Supervisor

Ms Nidhi Jain

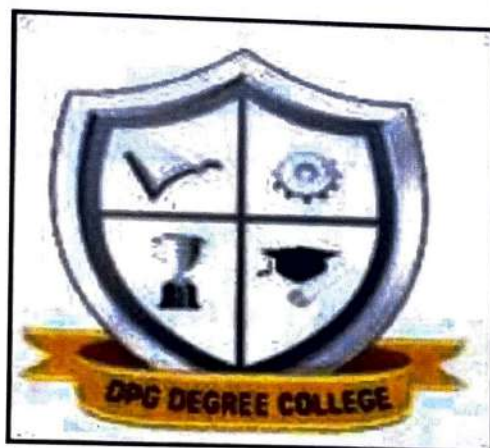


**“Phytochemical Investigation of Datura stramonium”**

*A dissertation submitted in partial fulfilment of the requirement for the degree  
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**MASTER OF SCIENCE IN BOTANY**

(Session 2021-2022)



**By**

**Sudha**

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This is to certify that Miss Sudha worked under my supervision for the M.Sc. Degree on the topic entitled "**Phytochemical Investigation of Datura stramonium**". The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

Head of Department  
Dr. Amita Singh

  
Supervisor

Dr. Priyanka Chaudhary

**REUTILIZATION OF KITCHEN WASTE: "A SUSTAINABLE APPROACH"**

*A dissertation submitted in partial fulfillment of the requirement for the degree  
of*

**MASTER OF SCIENCE IN BOTANY**

(Session 2021-2022)



By

**Priya Rani**

**UNDER THE GUIDANCE OF**

**Dr. Amita Singh**

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Dr. Amita Singh

Dated.

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This is to certify that Ms. Priya Rani worked under my supervision for the M.Sc.degree on the topic entitled "REUTILIZATION OF KITCHEN WASTE: A SUSTAINABLE APPROACH".

The dissertation submitted by her embodies the work done by candidate herself and has not been submitted for any other degree.

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Dr.Amita Singh

*Amita*  
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**"PHYTOCHEMICAL INVESTIGATION OF VARIOUS COMPOUNDS PRESENT  
IN *OCIMUM SANCTUM*: TULSI"**

*A dissertation submitted in partial fulfillment of the requirement for the degree  
of*

**MASTER OF SCIENCE IN BOTANY**

**(Session 2020- 2022)**



**By**

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**“MEDICINAL INVESTIGATION OF *Zingiber Officinale*”**

*A dissertation submitted in partial fulfillment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

(Session 2021-2022)



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**"MARIJUANA PLANT: A STUDY OF MEDICAL AND PATHOLOGY"**

*A dissertation submitted in partial fulfillment of the requirement for the degree of*

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(Session 2021-2022)



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***FICUS BENGHALENSIS* : A STUDY OF HEALTH POTENTIAL AND  
PHARMACOLOGICAL BENEFIT**

*A dissertation submitted in partial fulfilment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

**(Session 2021-2022)**



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**“Phytochemical Investigation of Ocimum tenuiflorum”**

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A handwritten signature in blue ink is written over the word 'Supervisor'. The signature is stylized and appears to be 'Smita Pathak'.

Dr. Smita Pathak

**"Meta-analysis of Argemone: *Argemone mexicana*"**

*A dissertation submitted in partial fulfillment of the requirement for the degree of*

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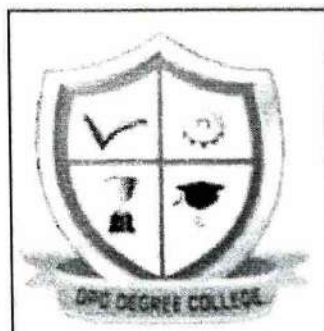
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# **Phytochemical analysis of Rose**

*A dissertation submitted in partial fulfillment of the  
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**MASTER OF SCIENCE IN BOTANY**  
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“Comparative study: kachnar (*Bauhinia variegata*)

A dissertation submitted in partial fulfilment of the requirement for the degree of  
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(Session 2021-2022)

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# **“Photochemical Investigation of Jasmine Azoricum”**

*A dissertation submitted in partial fulfillment of the requirement for the degree  
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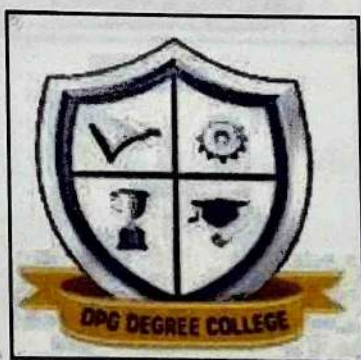
**BIOCHEMICAL ANALYSIS OF *Saraca asoca* ,  
COMPARISON BETWEEN BARK OF *Saraca asoca* AND *Azadirachta indica***

*A dissertation submitted in partial fulfillment of the requirement for the degree*

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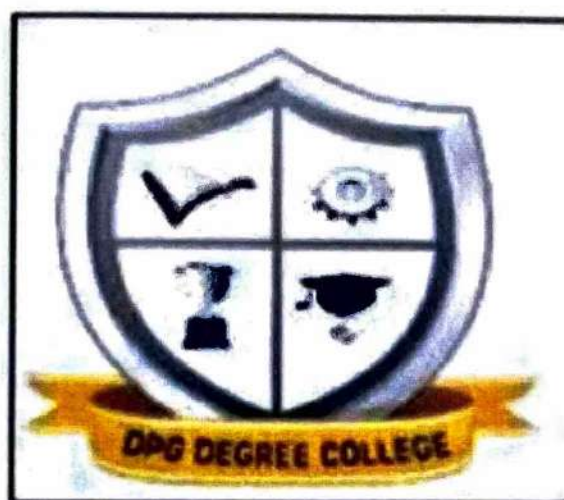
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**Meta – analysis of Cynadon Dactylon**

**By**

**NISHA YADAV**



**A Dissertation**

**Submitted to- DEPARTMENT OF BOTANY**

**[M.D.U, ROHTAK]**

**In Partial Fulfilment of the Requirements**

**For the M.Sc BOTANY [APRIL, 2022]**

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**“Chemical composition and effects of *Plumeria obtusa* green manure”**

*A dissertation submitted in partial fulfilment of the requirement for the degree of*

**MASTER OF SCIENCE IN BOTANY**

(Session 2020-2022)



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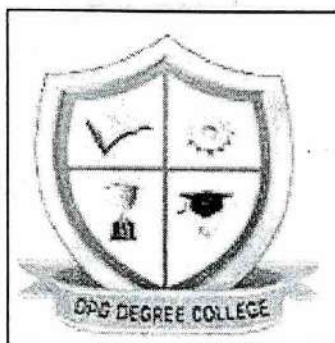


**“A brief study about protein modeling with the example of Pfs 28.”**

*A dissertation submitted in partial fulfillment of the requirement for the  
degree of*

**MASTER OF SCIENCE IN BOTANY**

**(Session 2021-2022)**



**By**

**Sushil Kumar Kaushik**

**UNDER THE GUIDANCE OF**

**Dr. Anita Chauhan**

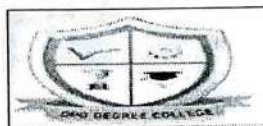
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