

(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi
Albitated to: Maulana Abul Kalam Azad University of Technology (MAKAUT) (Formerly known as West Bengal University of Technology)
& West Bengal State Council of Technologiand Vocational Education and Skill Development (WBSCT&VE&SD)
Accordited by NAAC with "A" Grade, Accordited by NBA for B. Pharms

Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: 14/05/2029

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Studying the Effect of Different Concentration of Permeation Enhancer on The Preparation and Characterization of the Aceclofenac Emulgel" is a record of bonafide research work done by Moumita Midya (Roll No. 19320322001) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutics.

The work embodied in this thesis is original, and is not submitted in part or in full forany other degree of this or any other University.

Dr. Dharmajit Pattanayak Associate Professor, Department of Pharmaceutics

Examined By: In Suvendy framor Sahn

Dr. FVSuresh

Bengal School of Technology Sugandha, Delhaman Hooghly, Pin-712307 MB

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(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

Affiliated to: Maxiom Abult Kalam Azad University of Technology (MAKALIT) (Jumetry Inswers West Bengal University of Technology)

& West Bengal State Council of Technolog in Industrial and Skill Davidopment (WissCT& VR&SD)

According to NAAC with "A" Grade, deconsition for NIAA for S. Pharma

Accredited by NAAC with "A" Grade, Accredited by NIA for B. Pharm
Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: |7 5/2

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Solubility Enhancement of Ofloxacin and Formulation Design and Characterization of Fast Disintegrating Tablets of Ofloxacin Microspheres" is a record of bonafide research work done by Rima Khan (Roll No. 19320322002) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutics.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Dr. SAUMYA DAS
Associate Professor,
Department of Pharmaceutics

Examined By: Dr., Swendy Kumar Show

30/4/2024

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Attested

Dr. P. Suresh
Principal
al School of Technol

Bengal School of Technology Suganche, Deut Road Hoophly, Pin-712102, W.B.



(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

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& West Dengal State Council of Technologi and Vecanous Education and Statt Development (WISCT&VE&SD)

According by NAAC with "A" Grade, According by NBA for B. Pharm

Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: 14(05)2024

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Preparation and Evaluation of Minoxidil
Oral Thin Film" is a record of bonafide research work done by Souli Dutta (Roll No19320322003) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutics.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Dr. Jayanta Chattopadhyay

B.Pharm (JU), M.Pharm (JU), Ph.D. (JU)

Professor of Pharmaceutics

Examined by: Do Suvendy Kurney Solar Department of Pharmaceutics

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Principal Principal Bengal School of Technology

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(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

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Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: 22.5, 20 24

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Preparation and Evaluation of Eudragit L 100 And Eudragit RSPO Loaded Fluconazole Microbeads by Ionotropic Gelation Method" is a record of bonafide research work done by Anushmita Ghosh (19320322004) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutics.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Dr. Paramita Dev

Professor of Pharmaceutics

Examined By: Dr Swerdy Kumer Solo

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Principal Bengai School of Technology engandha, Dathi Road

He...gnly, Pin-712102, W.S.



(A College of Pharmacy)

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& West Bengal State Council of Technology (MARAHT) (Pannelly Rason as West Bengal State Council of Technology)

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Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: 14/05/24.

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "INDUSTRIAL APPLICATION OF PROSPECTIVE (PROCESS) VALIDATION OF PARACETAMOL TABLETS (650mg)" is a record of bonafide research work done by Souvik Das (Roll No. 19320322005) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Masteroff. Pharmacy in Pharmaceutics.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Examined By: Do, Surendu Kumen Sel

Dr. Debasish Bhattacharjee Professor, Department of Pharmaceutical Chemistry

Attested

Dr. P. Suresh

Bengal School of Technology Sugandha, Dailu Road Hoopniy, Pin-712102, W.B.



(A College of Pharmacy)

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Sugandha, Delhi Road, Near Chinaurah Railway Station, Dist. Hooghly-712 102, West Bengal

Date: 44 05.24

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Formulation, Characterization and Optimization of Topical Herbal Hydrogel" is a record of bonafide research work done by Aryama Bose (Roll No. 19320322006) under my guidance and supervision.

She has incorporated her/his findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutics.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Examined By: Tyra Suverdin Houser Solw

Dr. Anandamoy Rudra

Professor

Department of Pharmaceutics

Attested

Dr. P.Suresh

Bengal School 1 Sugandin,

Hooghly, Pro-71415.

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(A College of Pharmacy)

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& West Bengal State Council of Technologi and Vacational Photosomera of State Development (WESC TEVERSED)

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Sugandha, Delhi Read, Near Chinsurah Rallway Station, Dist: Hooghly-712 102, West Bengal

Date: 14/05/2024

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Formulation and Characterization of Carvedilol Time Dependent (Pulsatile) Press Coated Tablet Dosage Form Corresponding to Chronobiology " is a record of bonafide research work done by Aritra Ghosh (Roll No. 19320322007) under my guidance and supervision.

He has incorporated his findings into his project of the above title, being submitted by him, in consonance with the regulation of the Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutics.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Dr. Raja Majumder Assistant Professor

Department of Pharmaceutics

Examined By:

Swendy Kamor Schn

Attested

Dr. P. Suresh Principal

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(A, College of Pharmacy) Appraved by Pharmacy Council of India, New Delhi

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Sugandha. Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: 16.5.24

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Comparative study of Transdermal patch of Two Different Polymer and Release kinetics of the Optimized Formulation" is a record of bonafide research work done by Sanjib Bera (Roll No. 19320322009) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree Master of Pharmacy in Pharmaceutics.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Examined By: Dr. Swendy Kennar Salw

Mrs. Dishari Dutta

Assistant Professor, Department of Pharmaceutics

Attested

Dr. P. Suresh

Principal Bengal School of Technology Sugandha, Delhi Road Hooghly, Pin-712102, W.B.

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Sagandha, Delhi Road, Near Chinsarah Rallway Station, Dist: Hooghly-712 102, West Bengal

Date: 14 05 2024

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Formulation Design and Optimization of Floating-Mucoadhesive Gastro-retentive Tablet Containing Glimepiride" is a record of bonafide research work done by Ankita Basak (Roll No. 19320322010) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutics.

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> Dr. Dharmajit Pattanayak Associate Professor.

Department of Pharmaceuties

Examined By: Dr. Suvenda Kurner Solw

Attested

Dr. P. Suresh Principal Bengal School of Technology Sugandka, Dathi Road Hooghly, Pin-712102, W.B.

(A College of Pharmacy)

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Date: |6.05.2024

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Oromucosal Deflazacort Bilayer Adhesive Patch Optimization (SPSS & DOE) & Ex-Vivo Diffusion Study of The Promoted One" is a record of bonafide research work done by Soumik Dutta (Roll No. 19320322011) under my guidance and supervision.

He has incorporated his findings into his project of the above title, being submitted by him, in consonance with the regulation of the Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutics.

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Dr. Raja Majunder

Assistant Professor

Department of Pharmaceutics

Examined By:

: Saverdu Kumar Sohn

II

Aftested

Dr. P. Suresh Principal

Bengal School of Technology Sugandha, Delin Road Hooyldy, Par-712102, W.B.



(A College of Pharmacy)

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& West Burgel State Control of Technologied Versional Education and Staff Development (WISC P&VIJESD)

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Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: 11.05, 2024

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Preparation And Evaluation Of Finasteride Oral Thin Film" is a record of bonafide research work done by Susanta Koley (Roll No. 19320322012) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutics.

The work embodied in this thesis is original, and is not submitted in part or in full forany other degree of this or any other University.

Dr. Jayanta Chattopadhyay

B. Pharm (JU), M.Pharm (JU), Ph.D. (JU)

Professor Of Pharmaceuties

Department of Pharmaceutics

Examined By: Dr. Suvendu Kurner Sahw

Attested

Dr. P. Suresh

Principal

Bengal School of Technology
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Hooghly, Pin-712102, W.B.

(A College of Pharmacy)

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& West Bengal State Council of Technologi According and Skill Development (WBSCT&VE&SD)

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Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: 14-05-2024

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Industrial Statistical Quality Control Approach (SQC) and Applications in any Pharmaceutical Dosage Form" is a record of bonafide research work done by Kazi Sohel Hossain (Roll No. 19320322013) under my guidance and supervision.

He has incorporated his findings into his project of the above title, being submitted by him, in consonance with the regulation of the Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutics.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

> Dr. Debasish Bhattachar)ce (Professor)

Department of Pharmaceutical Chemistry

Examined By: Dr. Suverolu Krumar Sohn

Attested

Dr. P. Suresh Principal

Bengal School of Technology Sugandha, Celhi Road Hooghly, Pin-712102, W.B.



(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

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Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hoogly-712 102, West Bengal

Date: 17.5.2024.

# CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Study of Physico-chemical Properties and Quantitative Analysis of Pantoprazole Sodium Sesquihydrate" is a record of bonafide research work done by Subhrajit Sarkar (Roll No: 19320322014) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutics.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

> Dr. Paramita Dey Professor Department of Pharmaceutics

23100 20M

Examined By: Dr. Swerdy tymor Salm

Attested

Dr. P. Suresh Principal

Bengal School of Technology Sugandha, Delhi Road Hooghly, Pia-712102, W.B.



Examined By: §

# BENGAL SCHOOL OF TECHNOLOGY

(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

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& West Bengal State Council of Technical and Vacational Education and Staff Development (WBSCT&VI-ESD)
Accordited by NAAC with "A" Grante, Accordited by NBA for B. Pharm

Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: 14-05-24

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "DESIGN, CHARACTERIZATION AND OPTIMIZATION OF FAST DISINTEGRATING HERBAL TABLET" is a record of bonafide research work done by Raktimava Das Sarkar (Roll No. 19320322015) under my guidance and supervision.

He has incorporated the findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutics.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Dr. Anandamoy Rudra

> Professor

Department of Pharmaceutics

Attested

Dr. P. Suresh
Principal
Sengal School of Technology
Sugandha, Delhi Road
Hosphy, Pin-712102, W.B.

(A College of Pharmacy)

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& West Bengal State Council of Technology and Vacational Education and Stall Development (WBSCT&VE&SD) Accredited by NAAC with "A" Grade, Accredited by NBA for B. Pharm

Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: 14/05/2024

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Evaluating novel intervention for testicular dysfunction unravelling the potential of Gramine and Nacetylcysteine (NAC) against Tramadol induced testicular toxicities in male albino Wistar rats" is a record of bonafide research work done by Sawad Hossain (Roll No. 19320222001) under my guidance and supervision.

He has incorporated his findings into his project of the above title, being submitted by him in consonance with the regulation of the Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmacology.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

> Assistant Professor Department of Pharmacology

Examined By: 31/5/24.
Par C- M-Hossaw

Attested

Dr. P. Suresh

Principal Bengal School of Technology Sugancha, Delhi Bood Houghly, Pin-712102, W.B.



(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

Affiliated to Mautona Abul Kulma Azad University of Technology (MAKAUT) (formerly known as West Bengal University of Technology) & West Bengal State Council of Technical And Vocational Education And Skill Development (WESCT&VE&SD) Accredited by NAAC with "A" grade, Accredited by NBA for B. Pharm Sugandha, Delhi Road, Near Chinsurah Railway Station, Hooghly-712 102, West Bengal

Date: 14-05-2024

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Evaluation of Wound Healing Property of Chrysin Loaded Microsponge Gel in Diabetic Rats." is a record of bonafide research work done by Sayani Debnath (Roll No. 19320222002) under my guidance and supervision.

She has incorporated her findings into her project of the above title, being submitted by her, in consonance with the regulation of the Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmacology.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

> Kituparna See Mrs. Rituparua Das

(Assistant Professor)

Department of Pharmacology

Dr. P. Suresh Principal

Bengal School of Technology Sugandha, Delhi Road Hooghly, Pin-712102, W.B.

(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

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Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hoogly-712 102, West Bengal

Date: 14.05.2024

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled " Evaluation of selective phytochemical parameters and Hepatoprotective potential of ethyl acetate extract of Abroma augusta Linn. Leaves in Albino Wistar rats." is a record of bonafide research work done by Mr. Mousam Ghosh (Roll No: 19320222003) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmacology.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

> Dr. Nihar Ranjan Pal Professor

Nichan Ranjant

Department of Pharmacology Bengal school of Technology

Dr. P. Suresh

Principal Bengal School of Pecianology Sugaridini, Svilla Rr. 1 Hooghly, Pin-712102, W.B.

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(A College of Pharmacy)

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Allianed to Maniana Abai Kalum Azad University of Technology (MAKAUT) (florarly known as West Ranga) University of Technology)

& West Bengal State Council of Technology (MAKAUT) (florarly known as West Ranga) University of Technology)

& west Bengal State Council of Technology (MAKAUT) (florarly known as Skift Development (WBSCT&VE&SD)

Accredited by NAAC with "A" grade, Accredited by NBA for B. Pharm Sugandha, Delhi Road, Near Chinsurah Railway Station, Hooghly-712 102, West Bengal

Date: 14/05/2024

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Novel approaches for testicular protection -Evaluating Vanillin and Mangiferin combination as potential preventive agent against Paracetamol induced testicular dysfunction in male albino rats" is a record of bonafide research work done by Kuntal Samanta (Roll No. 19320222004) under my guidance and supervision.

He has incorporated his findings into his project of the above title, being submitted by him in consonance with the regulation of the Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmacology.

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Mr. Abhijit De

Assistant Professor

Department of Pharmacology

Attested

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Principal Bengal School of Technology Sugandisa, Delhi Road Hoogra, Pm-712102, W.B.

# BENGAL SCHOOL OF TECHNOLOGY (A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi Affiliated to Manfarm Abul Kaham Asad University of Technology (MAKAUT) (Fouriety known as West Bengal University of Technology) & West Bengal Sinte Council Technology (MAKAUT) (Fouriety known as West Bengal University of Technology) & Accredited by NAAC with "A" Grade, Accredited by NBA for B. Pharm.

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Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hoogly-712 102, West Bengal

Date: 14.05.24

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Exploration of antiurolithiatic properties of methanolic extract of rhizome of Cyperus tegetum Roxb." is a record of bonafide research work done by Mr. Nirupam Mondal (Roll No: 19320222005) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmacology.

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> Assistant Professor Department of Pharmacology

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Bengal School of Technology Sagandha, Delhi Road Hooghly, Pin-712102, W.B.

(A College of Pharmacy)

Approved by Pharmacy Connell of India, New Dellai

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Sugandha, Delhi Roud, Near Chinsumh Railway Station, Dist: Hoogly-712 102, West Bengal

Date: 14.05. 24

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled " Quantative Tumor grading analysis by micro-CT imaging & histological study of DMBA & NMU induced breast cancer model." is a record of bonafide research work done by Mr. Arpan Debnath (Roll No: 19320222006) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmacology.

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> Mr. Sougata Mallick Assistant Professor

Department of Pharmacology

Dr. P.Suresh Principal

Bengal School of Technology Sugandha, Delhi Road Hooghly, Pin-712102, W.B.

# BENCIVE SCHOOL OF LEGIENOUGER

(A College of Pharmacy)

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Sugandha, Delhi Roud, Near Chinsundi Railway Station, Dist: Hoogly-712102, West Bengal

Date: 14,05,2024

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Anti-anxiety effects of Methanolic extract of Mikania micrantha on Stress-induced Anxiety models (EPM & LDA) in Male Swiss Albino mice." is a record of bonafide research work done by Mr. Debjit Teri (Roll No: 19320222007) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmacology.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Nichan Rangan Pal Dr. Nihar Ranjan Pal Professor

Department of Pharmacology

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Dr. P. Suresh
Principal
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Date: 14.05. 24

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Anti-hyperlipidemic activity of Rutin in Alloxan & High Fat diet (HFD) induced diabetic albino wistar rats." is a record of bonafide research work done by Mr. Debkantha Gope (Roll No: 19320222008) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmacology.

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> Mr. Sougata Mallick Assistant Professor

Department of Pharmacology

Examined By:

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Attested

Dr. P Surrah

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Examined,

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Sugandha, Delhi Road, Near Chinsurah Railway Station, Hooghly-712 102, West Bengal

Date: 14-05-2024

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Evaluation of Anti-Inflammatory Property of Luteolin Loaded Microsponges in Diabetic Rats" is a record of bonafide research work done by Sudipto Sarkar (Roll No. 19320222009) under my guidance and supervision.

He has incorporated his findings into his project of the above title, being submitted by him, in consonance with the regulation of the Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmacology.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Mrs. Rituparna Das

(Assistant Professor)

Department of Pharmacology

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Date: 14/5/24

## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Evaluation of selective phytochemical parameters and antihyperlipidemic potential of acetone extract of Abroma augusta Linn. Leaves in albino wistar rats." is a record of bonafide research work done by Mr. Aishik Paul (Roll No: 19320222010) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmacology.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Nihan Ranjan Pal Dr. Nihar Ranjan Pal

Professor

Department of Pharmacology Bengal School of Technology

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## CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Anti-depression activity of methanolic extract of mikania micrantha on depression model (TST & DST) in male Swiss albino mice" is a record of bonafide research work done by Mr. Sanglap Chakraborty (Roll No: 19320222011) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmacology.

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> Nihar Ranjan Pal Dr. Nihar Ranjan Pal

> > Professor

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This is to certify that the thesis titled "Antimicrobial and toxicity study of methanolic extract of rhizome of Cyperus tegetum Roxb." is a record of bonafide research work done by Mr. Debarghya Tapadar (Roll No: 19320222012) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Master of Pharmacy in Pharmacology.

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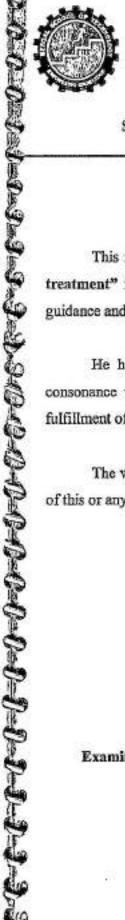
> Mr. Shaibal Chandra Assistant Professor Department of Pharmacology

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This is to certify that the thesis titled "Role of monoclonal antibodies in the management of cancer treatment" is a record of bonafide review work done by Dip Adhikari (Roll No-19301920001) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

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He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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> Mr. Biswanath Ghosh Associate Professor, Department of Pharmaceutical Chemistry

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This is certify that the thesis titled "Comparative Study of various Adverse Drug Reaction of Gliptin Analogues" is a record of bonafide review work done by Jyotirmoy Sanyal (Roll No-19301920003) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him. In consonance with the regulation of Maulana Abul Kalam Azad of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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> Mr. Abhijit De Assistant Professor Department of Pharmacology

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This is to certify that the thesis titled "Investigating the role of extracts and constituents of different parts of Nyctanthes arbor-tristis, Linn., on parasitology research" is a record of bonafide review work done by Ms Debadrita Das (Roll No:19301920005) under my guidance and supervision.

She has incorporated her findings into her project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy.

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Dr. Angshuman Lahiri

Associate Professor

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This is to certify that the thesis titled "Anti-Inflammatory activities of Phyllanthus emblica L. leaf extracts" is a record of bonafide research work done by Debanshu Sarkar (Roll No. 19301920006) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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Assistant Professor Department of Pharmaceutics

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Principal

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This is to certify that the thesis titled "EFFECT AND CLINICAL MANAGEMENT ON ANXIETY" is a record of Bonafide review work done by Srijan Rajbanshi (Roll No 19301920007) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full forany other degree of this or any other University.

> Dr. Dharmajit Pattanayak Associate Professor,

Department of Pharmaceutics

Examined By:

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This is to certify that the thesis titled "Exploring ADR and competitive analysis of ACE Inhibitors" is a record of bonafide review work done by Deeprajit Roy (19301920008) under my guidance and supervision.

He has incorporated ./his findings into ' "/his Project of the above title, being submitted by ! ./him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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> Mr. Abhijit De Assistant Professor Department of Pharmacology

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Dr. P. Suresh Principal Bengal School of Technology

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This is to certify that the thesis titled "Unlocking the Potential of Ulat Kambal as a Hypoglycemic Pharmacophore" is a record of review work done by Parna Ghosh (Roll NO - 19301920009) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Miss. Riya Sarkar

Assistant Professor

- Department of Pharmacognosy

xamined By:

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Date: | 0

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "A thorough review on the development and evaluation of medicated lozenges." is a record of bonafide review work done by PRIYANKAR MAITY (Roll NO - 19301920010) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Dr. Saumya Das

Associate Professor

Department of Pharmaceutics

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Dr. P. Suresh Principal

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Date: 09.15.24

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This is to certify that the thesis titled "APTAMERS AS FUTURE DRUGS" is a review work done by Subham Pal (19301920011) under my guidance record of bonafide and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Mattlana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy

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Dr. Anandamoy Rudra

Professor

Department of Pharmaceutics.

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& Council of India, New Delhi

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Date: 10.05.2024

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This is to certify that the thesis titled "Review of evaluation of antidiabetic polyherbal formulations" is a record of bonafide review work done by Ankita Paul (Roll No: 19301920012) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mrs. Sangita Banerjee –

Department of Pharmacognosy

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& West Bengal State Council of Technology and Vocational Education and Skill Development (WBSCT&VE&SD)

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This is to certify that the thesis titled "A through review on the development and evaluation of Medicated Lozenges" is a record of bonafide review work done by Moumita Singha (Roll NO - 19301920013) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abuł Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Dr. Saumya Das

Associate Professor

Department of Pharmaceutics

Examined By:

Attested

Dr. P Suresh Principal

(A College of Pharmacy)

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Date: 13th May 2024

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This is to certify that the thesis titled "Scaffold Techniques and Designs in Tissue Engineering" is a record of bonafide review work done by Soumyajit Gupta (19301920014) under my guidance and supervision. ---

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree ofthis or any other University.

Dr. Paramita Dey

Professor, Department of Pharmaceutics

Examined By:

Principal

(A College of Pharmacy)

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> Nihar Ranjan Pal Dr. Nihar Ranjan Pal

> > Professor

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This is to certify that the thesis titled "A review on clinical uses and abuses of ketamine" is a record of bonafide review work done by Tanay Paul (Roll No: 19301920016) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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Mrs. Toumica Ghosh Assistant professor Department of Pharmaceutics

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This is to certify that the thesis titled "THE REVIEW ON XYLOGLUCAN ENZYME" is a record of Bonafide review work done by Soumik Mondal (19301920017) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy

The work embodied in this thesis is original, and is not submitted in part or in full forany other degree of this or any other University.

> Dr. Dharmajit Pattanayak Associate Professor, Department Pharmaceutics

Dr. P. Suresh Principal



(A College of Pharmacy)

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Date: 10.05.24

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This is to certify that the thesis titled "Therapeutic Oligonucleotides" is a record of bonafide review work done by Sayak Nandi (Roll No-19301920018) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Dr. Anandamoy Rudra

Professor

Department of Pharmaceutics

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Examined By:

Dr. P. Suresh Principal



Examined By:

## BENGAL SCHOOL OF TECHNOLOGY

(A College of Pharmacy)

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Date: 10/5/2024

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Investigation of possible antibacterial activity of different extracts and constituents of *Jatropha curcas* Linn" is a record of bonafide review work done by Shubha Mondal (19301920019) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Dr. Angshuman Lahiri Associate professor

Bengal School of Technology

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Principal
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Date: 10,05.2024

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This is to certify that the thesis titled "A REVIEW ON BREAST CANCER" is a record of bonafide review work done by Prithwisha Mondal (19301920020) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Dr. Nihar Ranjan Pal

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Professor

Department of Pharmacology

amined By:

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Attested

Dr. P. Suresh Principal al School of Tech



(A College of Pharmacy)

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Affiliated to: Muslam Abul Kalam Azad University of Technology (MAKAUT) (Formuly known as West Bengal University of Technology)
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Date: 9/5/24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Review on Medicinal Plants Used in Cancer Treatment" is a record of bonafide review work done by Jagannath Ghosh (Roll No.- 19301920021) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mrs. Sasmita Dash Assistant Professor, Department of Pharmaceutical Chemistry

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Examined by:

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This is to certify that the thesis titled "Vectors For Gene Delivery" is a record of bonafide review work done by Indrajit Mondai (Roll No - 19301920022) under my guidance and supervision.

He has incorporated this findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full forany other degree of this or any other University.

Place: Sugandha, Hooghly

Date: 10-05.24

Dr. Anandamoy Rudra

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#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Marine-Derived Natural Products and Their Impact on Lipid Metabolism." is a record of bonafide review work done by ANKAN PAL (19301920023) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full forany other degree of this or any other University.

Subhabrata Banerjee

MR. SUBHABRATA BANERJEE
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Date: 07.05.24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "A STUDY OF DIFFERENT PHYTOCHEMICALS WITH ANTIBREAST CANCER ACTIVITY" is a record of bonafide review work done by SWAPNENDU CHOUDHURY (19301920024) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Examined By:

Dr. Atanu Chatterjee

Associate Professor

Department of Pharmaceutical Chemistry

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& West Bengal University of Technology

& West Bengal University of

Date:

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Current global scenario of chronic obstructive pulmonary disease: it's risk factors and future projection" is a record of bonafide review work done by Saikat Majhi (Roll No. 19301920025) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of thedegree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full forany other degree of this or any other University.

Place: Chuchwa

Date: 30,04,2024

Dr. Paramita Dey

Professor, Department of Pharmaceutics

Examined By:

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Dr. P. Suresh
Principal
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Date: 06/05/2024

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Comparison study of FTIR of the compounds with respect to standard API" is a record of review work done by Suvojit Kayal (Roll NO - 19301920026) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Place: Sugandha

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Date: 06.05.2029

pharmaceutical chemistry

Attested

Mr. Biswanath Ghosh

Associate Professor, Department of

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Date: 03/05/24

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This is to certify that the thesis titled "Inflammatory Factors Involved in Peptic Ulcer Progression" is a record of bonafide review work done by Prabal Kumar Debnath (Roll No. 19301920027) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mrs. Rituparna Das Assistant Prof., Department of Pharmacology

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Dr. P. Suresh

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Date: 09.05.24.

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This is to certify that the thesis titled "Anti-Oxidant activities of Phyllanthus emblica L. leaf extracts" is a record of bonafide research work done by Ayan Naskar (Roll No. 19301920028) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Backelor of Pharmacy.

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Dr. Raja Majumder Assistant Professor

Department of Pharmaceutics

Attested

Examined By:

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Dr. P. Suresh Principal Bengal School of Technology

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This is to certify that the thesis titled "A Review on Recent Advances of Metal Nanoparticles for Cancer Treatment" is a record of bonafide review work done by Saswata Mohanta (Roll No.-19301920029) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Dr. Paramita Dey

Professor, Department of Pharmaceutics.

Examined By:

Alishy

Dr. P. Suresh Principal Bengal School of Technology Sugandha, Delhi Road

Hooghly, Pin-712102, W.B.

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This is to certify that the thesis titled "A REVIEW ON NANOCLAY-BASED COMPOSITES AND ITS APPLICATION IN TRANSDERMAL DRUG DELIVERY" is record of bonafide review work done by Disha Shee (19301920030) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, he consonance with the regulation of Maulana Abul Kalam Azad University of Recharder of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for

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Dr. P. Suresh
Principal
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Miss. Arunima Nag

Assistant Professor,

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Examined By:

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(A College of Pharmacy)

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This is to certify that the thesis titled "A Review on Hybrid Nanogel; A Drug Delivery Approach" is a record of bonafide review work done by Suranjana Das (Roll No 19301920031) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University

Examined By:

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Mrs. Bommana Sweety Dhar

Assistant Professor,

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This is to certify that the thesis titled "NEW EMPHASIS ON DIABETOGENIC CANCER" is a record of bonafide review work done by Nandan Ghosh (Roll NO - 19301920032) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy

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Place: Sugandha

Date: 10.05-24

Examined By:

Mr. Suman Dutta

Professor, Department of

Pharmacy Practice



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Date: /0 /5/24

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This is to certify that the thesis titled "Review on Medicinal Plants used in Diabetes Treatment" is a record of bonafide review work done by Danish Gaddi (Roll No.- 19301920033) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mrs. Sasmita Dash
Assistant Professor, Department of
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Examined by:

Dr. P. Suresh



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Date: 07/05/2024

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "OVERVIEW OF GOLD NANOPARTICLES: IT'S APPLICATION IN COSMETICS" is a record of bonafide review work done by Rima Samanta (Roll No 19301920034) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University

Examined By:

Assistant Professor,

Department of Pharmaceutics

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Dr. P./Suresh
Principal
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Date: 07/05/2024

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Asymmetric Liposomes: A Possible Drug Delivery Intervention in Pulmonary Nanotherapeutics" is a record of bonafide review work done by Sourav Halder (Roll no 19301920035) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

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Assistant Professor

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Date: 06 . 05 . 24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Unlocking Nature's Anti-Skin Cancer Arsenal: A Comprehensive Review of Phytochemicals" is a record of bonafide review work done by Bhaskar Das (19301920036) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full forany other degree of this or any other University.

Dr. Atanu Chatterjee
Associate Professor
(Department of Pharmaceutical
Chemistry)

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Examined By:

ONL STA

Attested

(A College of Pharmacy)

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& West Bengal State Council of Technical and Vocational Education and Skill Development (WBSCT&VE&SD)

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Date: 02/05/2024

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Review for Application of Qualification of Equipments in the Pharmaceutical Industry" is a record of review workdone by Sachin kuila (Roll No – 19301920037) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Place: Sugandha

Date: 02/05/2024

Dr. Debasish Bhattacharjee

Professor, Department of

Pharmaceutical Chemistry

Examined By:

dali fry

Attested

Dr. P. Stiresh
Principal
Bengal School of Technology
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Hooghly, Pin-712102, W.B.



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Date: 09. 05. 2024

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "AN OVERVIEW ON BIONANOCOMPOSITE AND ITS RECENT APPROACHES IN CANCER THERAPY" is a record of bonafide review work done by Rishu Shee (19301920039) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Miss. Arunima Nag Assistant Professor,

Department of Pharmaceutics

Examined By:

3

Dr. P. Suresh Principal



(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

Affiliated to: Maulana Abul Kalam Azad University of Technology (MAKAUT) (Formerly known as West Bengal University of Technology) & West Bengal State Council of Technologi and Vecational Education and Skill Development (WBSCT&VE&SD)

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Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: 07. 05. 2014

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Solvent effect of tablet paracetamol of different brands of formulation by UV spectrophotometer analysis" is a record of bonafide research work done by Binoy Kumar Patra (Roll No- 19301920040) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partialfulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Place: Sugandha.

Date: 67.05.2024

07/05/2024

Mr. BISWANATH GHOSH

Associate Professor

(Pharmaceutical Chemistry)

Examined By

tested

Dr. P. Suresh



(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi
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Date: 10/05/24

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Lung Cancer and the relevance of Phytochemicals" is a record of bonafide review work done by KANKANA KONER (Roll No 19301920041) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University

Dr. ATANU CHATTERJEE

Associate Professor, Department of Pharmaceutical Chemistry

Examined by:

Odli 5/24

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

Attested



(A College of Pharmacy)

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Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: 10.05.2024

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "CAR-T CELL THERAPY" is a record of bonafide review work done by Mr. Abir Mondal (Roll No. 19301920042) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

P. (2, 4) exform

Dr. Sudip Kumar Kar Associate Professor Department of Pharmaceutical Chemistry

Examined By:

Oslis Py

Dr. P Suresh Principal Bengal School of Technology

Sugandha, Delhi Road Hooghly, Pm-712102, W.B.



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Date: 10/05/24

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "A REVIEW ON CARBON NANOPARTICLES" is a record of bonafide review work done by RUBINA KHATUN (Roll No.19301920043) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mrs. Bommana Sweety Dhar

Assistant Professor, Department of Pharmaceutics

Attested

Examined By:

Dr. P. Suresh Principal Bengal School of Technology Sugandha, Delhi Road Hooghly, Pin-712102, W.B.



(A College of Pharmacy)

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Date: 09/05/24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Review for application of the Water system in the pharmaceutical industry for liquid dosage forms as per cGMP" is a record of review work done by Sabyasachi Maity (Roll NO - 19301920045) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him,inconsonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Dr. Debasish Bhattacharjee

Professor, Department of Pharmaceutical Chemistry

Examined By:

Attested

Dr. R Suresh Principal



(A College of Pharmacy)

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Date: 10. 05 2024

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "NANO ROBOTS" is a record of bonafide review work done by Mr. Rounak Sen (Roll No. 19301920046) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

> Dr. Sudip Kumar Kar Associate Professor

Department of Pharmaceutical Chemistry

Examined By:

Dr. P. Suresh Principal



(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

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Date: 09 | 05/24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "CONNECTION BETWEEN PCOS & THYROID HORMONE: THEIR MANAGEMENT" is a record of bonafide review work done by Sushreya Debnath (Roll No - 19301920047) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Backelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full forany other degree of this or any other University.

Mrs. Rituparna Das
Assistant Professor
Department of Pharmacology

Examined By:

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Principal
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(A College of Pharmacy)

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& West Bengal State Council of Technology (MAKAUT) (Formerly known as West Bengal University of Technology)

& Council of Technology (MAKAUT) (Formerly known as West Bengal University of Technology)

& Council of Technology (MAKAUT) (Formerly known as West Bengal University of Technology)

& Council of Technology (MAKAUT) (Formerly known as West Bengal University of Technology)

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& West Bengal State Council of Technology (MAKAUT) (Formerly known as West Bengal University of Technology)

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Date:

13/5/20

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "A detail report on the challenges in the formulation of Ibuprofen lozenges" is a record of bonafide review work done by Harisankar: Maity (Roll NO - 19301920048) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Dr. Saumya Das

Associate Professor

Department of Pharmaceutics

Examined By:

Attested

Dr. P/Suresh Principal



(A College of Pharmacy)

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Date: 09 05/24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Investigation of antioxidant properties of indigenous plants in rural area of West Bengal" is a record of review work done by Bijoy Samanta (Roll NO - 19301920049) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Examined By:

Mr. Siddheswar Maiti Assistant Professor,

Department of Pharmacognosy

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(A College of Pharmacy)

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& West Bengal State Council of Technologi and Vocational Education and Skill Dovelopment (WBSCT&VE&SD)

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Date:

06 05 24.

#### CERTIFICATE BY THE GUIDE

Exists to certify that the thesis titled "Exploring Phytochemicals with Anti-Comprehensive Study" is a record of bonafide and work done by Srija Das (Roll No.- 19301920050) under my guidance and

Tariffer of Pharmacy.

The course embodied in this thesis is original, and is not submitted in part or in full

Dr. Atanu Chatterjee

Atom chiter

Associate Professor

Department of

Pharmaceutical Chemistry

30/5/24

Attested

Dr. P. Suresh Principal

(A College of Pharmacy)

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Date: 13 05 2024

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This is to certify that the thesis titled "Application Of Matrix Assisted Laser Disorption Ionization Time Of Flight Mass Spectrometry (MALDI-TOF-MS) In The Diagnosis Of Covid-19 Infections" is a record of bonafide review work done by Ayan Ghosh (Roll No - 19301920051) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full forany other degree of this or any other University.

Place: Sugandha, Hooghly Date: 13 05 2024

Dr. Angshuman Labri. Ver Associate Professor.

Department of Pharmaceutical Chemistry Bengal School of Technology

Examined By: S.C. 30/5/24

Attested

Dr. P. Suresh Principal



(A College of Pharmacy)

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Date: 10.05-24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "A Review Project on Lenacapavir in Multidrug Resistance HIV/AIDS" is a record of review work done by Bratati Paul (Roll No.-19301920052) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mr. Suman Dutta
Assistant Professor
Department of Pharmacy Practice

Examined By: 5.6

Dr. P. Suresh
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Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

Attested



(A College of Pharmacy)

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Date: 10.05.2024

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This is to certify that the thesis titled "PLANT TOXIC PROTEINS" is a record of bonafide review work done by Mr. Md Aslan (Roll No. 19301920053) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Chaily exposs

Dr. Sudip Kumar Kar Associate Professor Department of Pharmaceutical Chemistry

Examined By:

Dr. P. Suresh Principal Bengal School of Technology Sugandha, Delhi Po d Hooghly, Pin-712102, W.B.



(A College of Pharmacy)

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Date: 06.05.24

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This is to certify that the thesis titled "Re-Evaluating Hypertrophic Cardiomyopathy Patient with their Different Clinical Manifestations" is a record of bonafide review work done Rajarshee Putatunda (Roll - 19301920054) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

> Mr. Shaibal Chandra Assistant Professor. Department of Pharmacology.

Examined By:

Principal



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Date: 29/4/24

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This is to certify that the thesis titled "Risk in cardiovascular medicine" is a record of bonafide review work done by Bratati Dutta (Roll No -19301920055).

under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Sougata Mallick

Assistant professor, Department of Pharmacology

Examined By: 5.0

30/5/24

Aitested

r. P. Suresh Principal



(A College of Pharmacy)

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Date: 10-05-24

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This is to certify that the thesis titled "Review on Modern Theraputic Approach of Bexagliflozin in Type-II Diabetes Mellitus" is a record of bonafide review work done by Apu Das (Roll No: 19301920056) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

> Mr. Suman Dutta (Assistant Professor)

Department of Pharmacy Practice

Examined By: S-C 30 8 24

Dr. P. Suresh Principal

tested

(A College of Pharmacy)

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Date:03/05/2024

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This is to certify that the thesis titled "Chances of Stroke in Kidney Failure Patient with Hypertension" is a record of Bonafedereview work done by Ankita Ghosh (Roll No: 19301920057) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Examined By: S.E

Mrs. Rituparna Das

Assistant Prof., (Department of Pharmacology)

Attested

Dr. P. Suresh

Principal



(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

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Date: 10.05.2024

#### CERTIFICATE BY THE GUIDE

This is to certify that the project work entitled "A Critical Review on Liposomal Drug Delivery" is a record of bonafied review work done by Biswajit Biswas (Roll No. 19301920058) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maukina Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Dr. Raja Majumder

Assistant Professor

Department of Pharmaceutics

Examined By: 3.C

20.5.24

Dr. P. Suresh

ratested

Principal Bengal School of Technology Sugandha, Delhi Road

Hooghly, Pm-712102, W.B.



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Date: 10/05/2024

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "A Review Project on Flavonoids of Biological Origin and Their Preventive Roles in Alzheimer's Disease" is a record of review work done by Anirban Samanta (Roll No.-19301920059) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

> Subhabrata Banerjee Mr. Subhabrata Banerice

Assistant Professor Department of Pharmaceutical Chemistry

Examined By:

Attested

Principal



(A College of Pharmacy)

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& West Bengal State Council of Technology and Vocational Education and Skill Development (WBSCT&VE&SD)

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This is to certify that the thesis titled "Insights Into-Hyper Polyol Formation: Implications In Diabetic Complications" is a record of bonafide review work done by SUMON KUNDU (Roll No 19301920060) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Ms. RIYA SARKAR

(Assistant Professor, Department of Pharmacognosy)

Kya San Kan

Examined by: 9

Attested



(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

Affiliated to: Maulans Abul Kalam Azud University of Technology (MAKAUT) (Formerly known as West Bengal University of Technology) & West Bengal State Council of Technical and Vocational Education and Skill Development (WBSCT&VE&SD)

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Date: 06/05/2024

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Application of the HVAC system in the pharmaceutical industry for oral solid dosage forms as per cGMP & WHO GMP" is a record of review work done by Sourav Samanta (Roll NO - 19301920061) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Place: Sugandha

Date: 06/05/2024

Dr. Debasish Bhattacharje

Professor, Department of

Pharmaceutical Chemistry

Examined By: 50

Attested

Dr. P. Suresh



(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

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Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Date: 29/4/24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Angioplasty and it's advancement" is a record of bonafide review work done by Shreyashi Banerjee (Roll No - 19301920062) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Sougata Mallick

Assistant Professor, Department of Pharmacology

Examined By:

30/5/24

Attested

Dr. P. Suresh Principal Bengal School of Technology

Sugandha, Dethi Road Hooghly, Pin-712102, W.B.



(A College of Pharmacy)

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This is to certify that the thesis titled "A REVIEW ON COLON TARGETED DRUG DELIVERY SYSTEMS" is a record of bonafide review work done by Sanket Das (19301920063) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full forany other degree of this or any other University.

> Dharmajit Pattanayak Associate Professor Department Pharmaceutics

Examined By:

Principal Bengal School of Technology Sugandha, Delhi Road Hooghly, Pin-712102, W.B.

ttested



(A College of Pharmacy)

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Date: 10-05-24

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This is to certify that the thesis titled "SURVEY OF INDIAN MEDICINAL PLANTS (APOCYNACEAE FAMILY) AS ANTI- INFECTIVE" is a record of bonaficie review work done by ANKAN ROY (Roll No - 19301920064) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consumance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy.

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Dr. Suchandra Goswami
Professor
Department of Pharmaceutical Chemistry

Examined By: SC 30/5/29

Attested

Dr. R Suresh Principal



(A College of Pharmacy)

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Date: 10 05/24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "A review on biomarkers in the treatment of colon cancer" is a record of bonafide review work done by Abhi Malakar (Roll No: 19301920065) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mrs. Toumica Ghosh Assistant professor, Department of Pharmaceutics

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Examined By: Se 2015/24

Dr. P. Suresh
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Bengal School of Technology
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Date: 13.5.24

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This is to certify that the thesis titled "Extraction and Separation of Cinnamomum Camphora Leaves" is a record of bonafide review work done by SK AKUBER ALI (Roll No.- 19301920066) under my guidance and supervision.

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The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mr. GOURANGA SUNDAR ROY

Associate Professor, Department of

Pharmacognosy

Examined By:

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Dr. P. Suresh

Principal Bengal School of Technology Sugandha, Delhi Road

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Date: 09.05. 2024

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Physical evaluation and comparison study of branded and generic paracetamol tablets." is a record of bonafide research work done by Sourav Ghosh (Roll No-19301920067) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mr. Biswanath Ghosh

Associate Professor (Pharmaceutical Chemistry)

Examined By: 5.5

30/01/24

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Dr. P Suresh Principal



(A College of Pharmacy)

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Date: 06.05.2024

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This is to certify that the thesis titled "COLON TARGETED DRUG DELIVERY - AN OVERVIEW" is a record of bonafied review work done by Ms. Debomita Dutta (Roll No. 19301920068)

She has incorporated her findings into her Project of the above title, being submitted by her, in the regulation of Maulana Abul Kalam Azad University of Technology for the partial file. Seems of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mrs. Trisha Chatterjee Assistant Professor

Department of Pharmaceutics

Examined By: 300 24

Dr. P. Suresh

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Bengal School of Technology

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This is to certify that the thesis titled "Novel drug targets for potential therapeuti approach in diabetes mellitus" is a record of bonafide review work done by SUBHADWI MANNA (Roll No-19301920068) under my guidance and supervision.

He has incorporated hes findings into his Project of the above title, being submitted b his, in consonance with the regulation of Maulana Abul Kalam Azad University of Technolog for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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Place: Hooghly

Date: 10.5.24

Mrs. Dishari Dutta Asst. Professor Pharmaceutics

Bengal School of Technology

Examined By:

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Charlis Pam

Attested

Dr. P<sup>F</sup>Suresh
Principal
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The Salam Azad University of Technology (MAKAUT) (Formerly known as West Bengal University of Technology) & Salam Sear Council of Technology (MAKAUT) (Formerly known as West Bengal University of Technology) & Salam Sear Council of Technology (MAKAUT) (Formerly known as West Bengal University of Technology) & Salam Search (WBSCT&VE&SD)

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A Die Tra Rings Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

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#### CERTIFICATE BY THE GUIDE

A Carting the thesis titled "A Review on Blood Cancer" is a record of bonafide

The first manufactured has findings into his Project of the above title, being submitted by the first and the regulation of Maulana Abul Kalam Azad University of Technology has been at the requirements for the award of the degree of Bachelor of financials.

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Nihan Ranjan Pal Dr. Nihar Ranjan Pal Professor.

Department of Pharmacology

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15/27 15/27 Dr DSurach

Attested

Dr. P Suresh Principal



(A College of Pharmacy)

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Date: 10/05/2024

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is a record of hours like newbear work done by Neepa Malik (Roll No. 19301920070) under my outdines in Transportation.

Six has been submitted by in Turney with the regulation of Maulana Abul Kalam Azad University of charles for the pertial fulfillment of the requirements for the award of the degree of Decheme at his manacy.

The world entreed in this thesis is original, and is not submitted in part or in full for the This oceny other University.

Dr. Raja Majumd

Assistant Professor

Department of Pharmaceutics

Attested

Dr. P. Suresh Principal Bengal School of Technology Sugandha, Delhi Road Hooghly, Pin-712102, W.B.



' (A College of Pharmacy)

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Wat Dave Airch Kahrra Azad University of Technology (MAKAUT) (Formerly known as West Bengal, University of Technology)

4. West Energy State Council of Technical and Vocational Education and Skill Development (WBSCT&VE&SD)

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Date: 10.05.24

#### CERTIFICATE BY THE GUIDE

This is to be a first titled "DOCUMENTATION UNDER REVISED SCHEDULE M" is a recommendate in the work done by Sandipan Chatterjee (Roll no-1930192007f); under his priffer and amoraisan.

He has many that first rest into his Project of the above title, being submitted by him, in conscioned with the rest Manalana Abul Kalam Azad University of Technology for the partial The result of the degree of Bachelor of Pharmacy.

The work experience in this the second real, and is not submitted in part or in full for any other degree of this security white Tribages

Mr. Utpal Misra

Assistant professor,

Department of pharmaceutical chemistry

Dr. P. Suresh Principal

tested



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Date: 10.05.2024

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This is to certify that the thesis titled "THE ROLE OF PHARMACOECONOMICS IN CURRENT INDIAN HEALTHCARE SYSTEM" is a record of review work done by Shreya Chatterjee (Roll No.- 19301920072) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Assistant Professor

Department of Pharmaceutical Chemistry

Examined By:

Principal Bengal School of Technology Sugandha, Dethi Road Hooghly, Pin-712103, W.B.

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· (A College of Pharmacy)

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This is to certify that the thesis titled "Water Hyacinth as a Medicinal Plant" is a record of control of control of the certific review work done by Abinash Hembram (Roll No-19301920073) under my guidence and supervision.

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Flace: Sugardha

Date: 10-5-24

Mrs. Dishari Dutta
Asst. Professor
Pharmaceutics
Bengal School of Technology

Examined By: 3.6

Attested

Dr. P. Suresh Principal Bengal School of Technology

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Date: 09/05/14

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This is to certify that the thesis titled "Chronopharmaceutical drug delivery system for hypertension" is a record of review work done by Swastik Patra (Roll NO - 19301920074) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the pastial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mrs. Sasmita Dash

Assistant Professor,
Department of Pharmaceutical Chemistry

Examined By:

30/5/24

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Dr. P\Suresh
Principal
Bengal School of Technology
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This is to certify that the thesis titled "General Requirements Under Revised Schedule M" is a record of review work done by Sayan Samanta (Roll NO - 19301920075) under my guidance and supervision.

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Mr. Utpal Misra 09 05 2024

Assistant Professor,

Department of

Pharmaceutical Chemistry

Examined By: 9.6

Dr. P Suresh Principal



Examined By:

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This is to certify that the thesis titled "AMR threat-Indian action plan" is a record of review work done by Romvic Roy(Roll NO - 19301920076) under my guidance and supervision.

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Mr. Utpal Misra 10 05 20

Assistant Professor,

Department of

Pharmaceutical Chemistry

Attested

Dr. P. Suresh



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This is to certify that the thesis titled "Overview Of Data Integrity In Pharmaceutical Industry: Strategies, Challenges And Violations" is a record of bonafide review work done by Tandrima Samanta, (Roll no-19301920077);under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy.

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Principal

Bengal School of Technology Sugandha, Delhi Road

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Assistant professor,

Department of pharmaceutics

Examined By: S.E.



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Date: 13-5-24

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "A Review on the effect of workplace, stress on ulcer like symptoms" is a record of bonafide review work done by Avik Biswas (Roll No-19301920078) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mrs. Dishari Dutta

Assistant professor

Department of Pharmaceutics

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Examined five

Principal Bengal School of Technology

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(A College of Pharmacy)

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This is to certify that the thesis titled "Review of evaluation of anti-pyretic and anti-inflammatory activity of mangrove plants" is a record of bonafide review work done by Sumit Keshari (Roll No: 19301920079) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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> Mrs. Sangita Banerjee Assistant Professor

Department of Pharmacognosy

Examined By:

Dr. P. Suresh Principal Bengal School of Technology Sugandha, Delhi Road

Hooghly, Pin-712102, W.B.



(A College of Pharmacy)

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بحمد اعماما

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "FORMULATION AND EVALUATION OF DICLOFENAC SODIUM TOPICAL GEL" is a record of bonafide research work done by ANITA BETAL (Roll No.- 19301920080) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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Dr. Dharmajit Pattanayak Associate Professor Department of Pharmaceutics

Ittested

Examined By:

Dr. P. Suresh Principal



(A College of Pharmacy)

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Date: 10/5/24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Understanding NMR Spectroscopy and it's role in exploiting protein structure" is a record of bonafide review work done by Arijit Chakraborty (19301920081) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, inconsonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partialfulfillment of the requirements for the award of the degree of Bachelor of Pharmacy

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Attested

Principal

Beggal School of Technology Stigandha, Delhi Road

Hooghly, Pin-712102, W.B.

Dr. Angshuman Lahiri Associate Professor Bengal School of Technology

> DR ANGSHUMAN LAHIR M. Phann, Ph.O. ELC.S.

Associate Professor Bengal School of Technology Chinsura, Hooghly, West Beagal Pin-712102

Examined By:



(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

Affiliated to: Manhara Abul Kalam Azard University of Technology (MAKAUT) (Formerly known as Wost Bengal University of Technology)

& West Bengal State Council of Technical and Vocational Education and Skill Development (WBSCT&VE&SD)

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Date: 20/05/24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Xenobiotics causing diabetes mellitus & diabetes insipidus in glycosuria" is a record of bonafide review work done by Roumodip Adak (Roll No-19301920082) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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> Ms. Riva Sarkar Assistant Professor Department of Pharmacognosy

> > tested

Examined by

Dr. P. Suresh Principal Bengal School of Technology Sogundha, Delhi Road

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Date: 10.05.24

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Biomarker in Clinical Pharmacy" is a record of bonafide review work done by Ayan Mal (Roll No.19301920083) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mrs. Bommana Sweety Dhar Assistant Professor, Department of Pharmaceutics.

Examined By:

Dr. P. Suresh

Attested



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Date: 10.06.24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "Nanotechnology For Cancer Therapy: A Review" is a record of bonafide review work done by Ankan Chakraborty (Roll No - 19301920084) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul-Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

> Mrs. Trisha Chatterjee Assistant Professor, Department of Pharmaceutics

Examined By:

properture

Dr. P. Suresh



(A College of Pharmacy)

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Afficiated to: Maniana Abel Kulam Atad University of Technology (MAKAUT) (Formuly knows as West Bengal University of Technology)
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Date:09/05/24

### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "A REVIEW OF LIPOSOMES: FROM CONCEPT TO APPLICATION" is a record of bonafide review work done by Ratnadip Chakraborty (Roll No - 19301920085) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacv.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

> Mrs. Bommana Sweety Dhar Assistant Professor Department of Pharmaceutics

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This is to certify that the thesis titled "3D printing technology: a modern revolution in the drug delivery system" is a record of bonafide review work done by Pouli Karmakar (Roll No - 19301920086) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul-Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

> Mrs. Trisha Chatterjee Assistant Professor. Department of Pharmaceutics

Examined By:



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This is to certify that the thesis titled "Systemic Effect of Different Physiological Parameter Associated with Mirror Syndrome" is a record of bonafide review work done by Sampurna Chowdhury (Roll No.-19301920087) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abuil Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mr. Shaibal Chandra

Assistant Professor, Department of Pharmacology.

Examined By:

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Dr. P/Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

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Date: 10.05.24

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This is to certify that the thesis titled "A Review Project on Long-term complications of COVID-19" is a record of bonafide review work done by Sudip Das (Roll No.-19301920088) under myguidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mr. Suman Dutta

Assistant Professor

Department of Pharmacy Practice

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Principal Bengal School of Technology Sugandha, Delhi Road Hoognly, Pin-712102, W.B.

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This is to certify that the thesis titled "PHYTOSOMES" is a record of bonzafide review work done by Mr. Sagnik Mondal (Roll No. 19301920089) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

> Dr. Sudip Kumar Kar Associate Professor

Department of Pharmaceutical Chemistry

Examined By:

Principal Bengal School of Technology Sugandha, Delhi Road Hooghly, Pin-712102, W.B.

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Date: 10/5/24

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This is to certify that the thesis titled "NANOSPONGES: A NOVEL DRUG DELIVERY SYSTEM" is a record of bonafide review work done by Prity Malik (Roll No - 19301920090) under my guidance and supervision:

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

> Mrs. Trisha Chatterjee Assistant Professor. Department of Pharmaceutics

Dr. P. Suresh Principal Bengal School of Technology Sugandha, Delhi Road Hooghly, Pin-712102, W.B.



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This is to certify that the thesis titled "SURVEY OF MEDICINAL PLANTS (FABACEAE FAMILY) AS ANTI-INFECTIVE" is a record of bonafide review work done by Swarnava Pal (Roll No: 19301920091) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Dr. Suchandra Goswami

Professor

Department of Pharmaceutical Chemistry

Examined By:

4

Attested

Dr. P. Suresh Principal



(A College of Pharmacy)

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Date: 10.05.24

#### CERTIFICATE BY THE GUIDE

This is to certify that the thesis titled "SURVEY OF INDIAN MEDICINAL PLANTS(MENISPERMACEAE FAMILY) AS ANTI- INFECTIVE" is a record of bonafide review
work done by DIPAN DAS (Roll No - 19301920092) under my guidance and
supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy.

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Dr. Suchandra Goswami

Professor.

Department of Pharmaceutical Chemistry

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Dr. P Suresh Principal



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Date: 06 /05/2024

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This is to certify that the thesis titled "A Review on Artificial Intelligence in Drug Designing" is a record of bonafide review work done by SOHAM CHATTERJEE(Roll No:19301920093) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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Place: SUGANDHA

Date: 06 /05/2024

Miss. ANISHA CHAKRABARTY

(Assistant Professor, Department of Pharmaceutics, BST)

Examined By:

Atlested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.



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This is to certify that the thesis titled "REVIEW OF PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL ACTIVITY OF PINEAPPLE LEAF EXTRACT" is a record of bonafide review work done by Debalina Nandi (Roll No - 19301920094) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Assistant Professor,

Department of Pharmacognosy

Examined By:

Attested

Principal



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Existis to certify that the thesis titled "Overcoming MDR Tuberculosis" is a record of bonafide review Same by ANUBRATA RUIDAS (Roll No.- 19301920095) under my guidance and supervision.

The has incorporated his findings into his Project of the above title, being submitted by him, in consonance strice regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the is at the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other Ministracy other University.

Mr. SOUGATA MALLICK

(Assistant Professor, Department of Pharmacology)

Attested

Dr. P. Suresh Principal

Bengal School of Technology Sugandha, Delhi Road

Hooghly, Pin-712102, W.B.



(A College of Pharmacy)

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This is to certify that the thesis titled "Exploration and Identification of Antidiabetic Plants in Rural Areas of West Bengal" is a record of review work done by Rajdwip Mallick (Roll No 19301920096) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Mr. Siddheswar Maiti

Assistant Professor, Department of Pharmacognosy

Pered

Examined By:

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandhe, Delhi Road
Hooghly, Pin-712102, W.B.



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This is to certify that the thesis titled "SURVEY OF INDIAN MEDICINAL PLANTS (RUTACEAE FAMILY) AS ANTI- INFECTIVE" is a record of bonafide review work done by SURJA SANKAR GHOSH (Roll No - 19301920097) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

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Dr. Suchandra Goswami
Professor
Department of Pharmaceutical Chemistry

Examined By:

Allested

Dr. P. Suresh Punction



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This is to certify that the thesis titled "Comparative Anti-oxidant analysis and their effectiveness in preventing senescence" is a record of bonafide review work done by SHATANIK CHONGDAR (Roll No 19301920098) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University

Subhabrata Banerjee

Mr. SUBHABRATA BANERJEE

Assistant Professor, Department of Pharmaceutical Chemistry

Examined by:

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Dr. M. Suresh Processed



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This is to certify that the thesis titled "Pathophysiology of Malaria with special reference to Anti-malarial drugs" is a record of bonafide review work done by Soumya Pain (Roll No. - 19301920099) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by whim, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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Place: Sugandha Date: 09/05/2024

Ritupanna Sas Mrs. Rituparna Das,

Assistant Professor, Department of Pharmacology



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This is to certify that the thesis titled "Review on Anticancer Activity of 1,3,4-Oxadiazole Derivatives" is a record of bonafide review work done by Pritam Santra (Roll No.- 19301920100) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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Examined by:

Mrs. Sasmita Dash

(Assistant Professor, Department of Pharmaceutical

Chemistry)

Artested

Dr. P. Suresh



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This is to certify that the thesis titled "Market survey and cost analysis study on popular oral anti-diabetic drug" is a record of bonafide review work done by Kiranmoy Manna (Roll No: 19301920101) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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> Mrs. Sangita Baneriee Assistant Professor.

Department of Pharmacognosy

Dr. P. Suresh Principal



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Date: 09/5/2024

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This is to certify that the thesis titled "Review of Ayurveda and Cancer" is a record of review work done by Subhadip Sen (Roll No:19301920102) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

> (iy a. Sonkan.... Miss. Riya Sarkar

Assistant Professor, Department of Pharmacognosy

Examined By:

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Dr. P. Suresh Principal

(A College of Pharmacy)

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Date: 7. 5. 24

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This is to certify that the thesis titled "Artificial Intelligence: A Catalyst to Regulatory Affairs and Pharmacovigilance" is a record of review work done by Sayak Das (Roll NO - 19301920103) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in conscience with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

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Miss. Anisha Chakrabarty Assistant Professor,

Department of Pharmaceutics

Attested

Dr. P. Suresh Principal

Bengal School of Technology Sugandha, Delhi Road Hooghly, Pin-712102, W.B.

xammed by.

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This is to certify that the thesis titled "A Review on Current Research Drug on Ocular Insert and Implants for Novel Drug Delivery System" is a record of bonafide review work done by Faisal Mondal (Roll No-19301920104) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Dr. SAUMYA DAS
Associate professor
Department of pharmaceutics

Examined By:

Attested

Dr. P. Suresh



(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

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& West Bengal State Council of Technology (MARAUT) (Formerly known as West Bengal University of Technology)

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This is to certify that the thesis titled "A Review on Formulation and Development of Liquid Bandages" is a record of review work done by SHREYA PAL (Roll No 19301920105) under my guidance and supervision.

She has incorporated his findings into his Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mis ANISHA CHAKRABARTY
(Assistant Professor, Department of Pharmaceutics)

Examined By:

Attested

Dr. P Suresh

Frincipal Bengal Solioci or Technology Sugandha, Celiu Road Hooghly, Pin-712102, W.B.

(II)



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Date: 10/05/24

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This is to certify that the thesis titled "A review on Significance Antitumour activity of the Secondary Metabolite Of Podophyllum and it's Derivatives" is a record of bonafide review work done by Manoj Nandi (Roll No:19301921078) under my guidance and supervision.

He has incorporated his findings into his Project of the above title, being submitted by him, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original, and is not submitted in part or in full for any other degree of this or any other University.

Mrs. Toumica Ghosh Assistant Professor, Department of Pharmaceutics.

Attested

Examined By:

Dr. P. Suresh

(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

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& West Bengal State Council of Technical and Vocational Education and Skill Development (WBSCT&VE&SD)

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This is to certify that the thesis titled "A Comprehensive Review on Regulation concerns for Import and Export of Herbal Raw Drugs in India, Britain, and USA" is a record of review work done by Neha Hazra (Roll NO - 19301921079) under my guidance and supervision.

She has incorporated her findings into her Project of the above title, being submitted by her, in consonance with the regulation of Maulana Abul Kalam Azad University of Technology for the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy.

The work embodied in this thesis is original and is not submitted in part or in full for any other degree of this or any other University.

Mr. Siddheswar Maiti Assistant Professor,

Department of Pharmacognesy

Examined By:

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This is to certify that the thesis titled "Antiurolithiatic Activity of A Prevailing Antihyperglycemic Drug Metformin" is a record of bonafide review work done by Sudeshna Mahapatra (Roll No.- 19301921080) under my guidance and supervision.

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Examined by:

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Place: Chuchwa

Date: 30.04.24

Mr. SOUGATA MALLICK

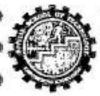
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Place: Sugandha Date: 06.05.2024

By:

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Dr. P. Suresh Principal



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