



UNIVERSITY OF MALAKAND

Chakdara Dir (Lower), Khyber Pakhtunkhwa, Pakistan.

Phone: +92 945 9250511, Fax: +92 945 9250505

Email: Admissions@uom.edu.pk

Admissions Section

No: UOM/Admin/2023/711

Date: 02/05/2023.

EXTRACT FROM PROCEEDINGS OF 82nd MEETING OF ADVANCED STUDIES AND RESEARCH BOARD HELD ON 13/04/2023.

ITEM NO 01: **APPROVAL OF COURSE WORK, RESEARCH TOPIC, AND RESEARCH SYNOPSIS OF SHARIF ULLAH, PH. D SCHOLAR, DEPARTMENT OF MATHEMATICS**

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

Thermal Transfer Analysis in Various Fins with Radiation Effect

The Board approved the course work, research topic, and synopsis; however, directed the scholar to carry out the following changes:

- to correct and re-arrange references as per the approved format.

A certificate to this effect shall be obtained from his supervisor, duly signed by the concerned head of the Department.

Deputy Registrar Admissions

Copy for Information and further necessary action (if any) to:

1. Chairman, Department of Mathematics,
2. The Controller of Examinations,
3. PS to Vice -Chancellor,
4. PA to Registrar,
5. File

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ITEM NO 02: **APPROVAL OF COURSE WORK, RESEARCH TOPIC, AND
RESEARCH SYNOPSIS OF IBAD ULLAH, M.PHIL SCHOLAR,
DEPARTMENT OF MATHEMATICS**

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

**Mathematical Analysis of Transmission and Control of the Novel
Coronavirus (Covid-19)**

The Board approved the course work, research topic, and synopsis.

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ITEM NO 03: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND
RESEARCH SYNOPSIS OF IKRAM ULLAH, M.PHIL SCHOLAR,
DEPARTMENT OF MATHEMATICS**

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

Stability Analysis of SEIHR Model for Ebola Virus Disease

The Board approved the course work, research topic, and synopsis; however, directed the scholar to carry out the following changes:

- to correct and re-arrange references as per the approved format.

A certificate to this effect shall be obtained from ASRB member Dr. Imtiaz Ahmad, duly signed by the concerned supervisor and head of the Department.

Deputy Registrar Admissions

Copy for Information and further necessary action (if any) to:

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ITEM NO 04: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND
RESEARCH SYNOPSIS OF MOHAMMAD IDREES, M.PHIL
SCHOLAR, DEPARTMENT OF MATHEMATICS**

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

An SEQIaSHRS Epidemic Model Incorporating Media Coverage with Asymptomatic and Symptomatic Infections

The Board approved the course work, research topic, and synopsis

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ITEM NO 05: APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF SAJJAD ALI, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

Analysis of Kink Behaviour of KDV-MKDV Equation Under Caputo Fractional Operator with Non-Singular Kernel

The Board approved the course work, research topic, and synopsis; however, directed the scholar to carry out the following changes:

- to correct and re-arrange references as per the approved format.

A certificate to this effect shall be obtained from his supervisor, duly signed by the concerned head of the Department.

Deputy Registrar Admissions

Copy for Information and further necessary action (if any) to:

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ITEM NO 06: APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF RIAZ MUHAMMAD, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

Analysis of Sharma-Tasso-Olver Equation Under Fractal Fractional Operators

The Board approved the course work, research topic, and synopsis; however, directed the scholar to carry out the following changes:

- to correct and re-arrange references as per the approved format.

A certificate to this effect shall be obtained from his supervisor, duly signed by the concerned head of the Department.

Deputy Registrar Admissions

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ITEM NO 07:

**APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH
SYNOPSIS OF ABDUL JAMAL, M.PHIL SCHOLAR, DEPARTMENT OF
MATHEMATICS**

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

Analysis of (2+1)-Dimensional KDV-MKDV Equation using Non- Local Fractal Fractional Operator in Caputo Sense

The Board approved the course work, research topic, and synopsis.

Copy for Information and further necessary action (if any) to:

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3. PS to Vice- Chancellor,
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ITEM NO 08: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND
RESEARCH SYNOPSIS OF IHSAN ULLAH, M.PHIL SCHOLAR,
DEPARTMENT OF MATHEMATICS**

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

**Analysis of Korteweg-De. Vries-Caudrey-DODD-Gibbon (KDV-CDG)
Equation Via Non-Singular Fractional Operators**

The Board approved the course work, research topic, and synopsis; however, directed the scholar to carry out the following changes:

- to correct and re-arrange references as per the approved format.

A certificate to this effect shall be obtained from ASRB member Prof Dr. Alam zeb, duly signed by the concerned supervisor and head of the Department.

Deputy Registrar Admissions

Copy for Information and further necessary action (if any) to:

1. Chairman, Department of Mathematics,
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ITEM NO 09: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF BASHIR UL HAQ, M.PHIL SCHOLAR, DEPARTMENT OF STATISTICS**

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

Prevalence and Associated Risk Factors of Stress Among the Undergraduate University Students in Khyber Pakhtunkhwa Province Pakistan

The Board approved the course work, research topic, and synopsis; however, directed the scholar to carry out the following changes:

- to rectify the DMC as per approved format
- to rectify the objective 3 by replacing the word “to help” by “to suggest”

A certificate to this effect shall be obtained from his supervisor, duly signed by the concerned head of the Department.

Deputy Registrar Admissions

Copy for Information and further necessary action (if any) to:

1. Chairman, Department of Statistics,
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3. PS to Vice- Chancellor,
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ITEM NO 10: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF RAHMAT ULLAH, PH.D SCHOLAR, DEPARTMENT OF CHEMISTRY**

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

Theoretical Investigations of Catalytic Recycling of CO₂

The Board approved the course work, research topic, and synopsis; however, directed the scholar to carry out the following changes:

- To correct and re-arrange references as per the approved format.
- To add the complete details of co-supervisor (Prof. Dr. Iftakhar)

A certificate to this effect shall be obtained from his supervisor, duly signed by the concerned head of the Department.

Deputy Registrar Admissions

Copy for Information and further necessary action (if any) to:

1. Chairman, Department of Chemistry,
2. The Controller of Examinations,
3. PS to Vice- Chancellor,
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ITEM NO 11: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF RAHAT ULLAH, M. PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY**

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

Synthesis of Metallic Nanoparticles and its Application for Adsorption of Metanil Yellow and Rhodamine B from Aqueous Solution

- to correct and re-arrange references as per the approved format.

A certificate to this effect shall be obtained from his supervisor, duly signed by the concerned head of the Department.

Deputy Registrar Admissions

Copy for Information and further necessary action (if any) to:

1. Chairman, Department of Chemistry,
2. The Controller of Examinations,
3. PS to Vice- Chancellor,
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ITEM NO 12

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MUHAMMAD DAUD, M. PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

Synthesis, Characterization and Biological Evaluation of 4-Hydroxyacetophenone Derivatives

The Board approved the course work, research topic, and synopsis; however, directed the scholar to carry out the following changes:

- to correct and re-arrange references as per the approved format.

A certificate to this effect shall be obtained from ASRB member Dr. Imtiaz Ahmad, duly signed by the concerned supervisor and head of the Department.

Copy for Information and further necessary action (if any) to:

1. Chairman, Department of Chemistry,
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3. PS to Vice- Chancellor,
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ITEM NO 13: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF SAFIA AHMAD, M. PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY**

The scholar concerned in the presence of her supervisor presented her research work before the ASRB, titled:

Synthesis and DNA Interaction Studies of Aryl Substituted Butyrylthioureas and Their Nickel(II) Complexes

The Board approved the course work, research topic, and synopsis; however, directed the scholar to carry out the following changes:

- to rectify the DMC as per the approved format.

A certificate to this effect shall be obtained from ASRB member Prof. Dr. Alam Zeb, duly signed by the concerned supervisor and head of the Department.

Deputy Registrar Admissions

Copy for Information and further necessary action (if any) to:

1. Chairman, Department of Chemistry,
2. The Controller of Examinations,
3. PS to Vice- Chancellor,
4. PA to Registrar,
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ITEM NO 14

**APPROVAL OF COURSE WORK, RESEARCH TOPIC AND
RESEARCH SYNOPSIS OF SHARIF ULLAH, PH.D SCHOLAR,
DEPARTMENT OF BOTANY**

The scholar concerned was absent.

Copy for Information and further necessary action (if any) to:

1. Chairman, Department of Botany,
2. The Controller of Examinations,
3. PS to Vice- Chancellor,
4. PA to Registrar,
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ITEM NO 15

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF ABDULLAH, M.PHIL SCHOLAR, DEPARTMENT OF BOTANY

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

Phytoremediation Potential of Malabar Nut (Justicia Adhatoda L.) Collected along Road Side from Dir Lower

The Board approved the course work, research topic, and synopsis; however, directed the scholar to carry out the following changes:

- to rectify the title as under

“Heavy metal Potential of Malabar Nut (Justicia Adhatoda L.) along the Roadside of Lower Dir”

- to rectify the DMC as per the approved format.

A certificate to this effect shall be obtained from ASRB member Prof. Dr. Alam Zeb, duly signed by the concerned supervisor and head of the Department.

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ITEM NO 16

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF SYED SHAUKAT ALLI, M.PHIL SCHOLAR, DEPARTMENT OF PHARMACY

The scholar concerned in the presence of his supervisor presented his research work before the ASRB, titled:

Screening of Type 2 Diabetes Mellitus Patients of Khyber Pakhtunkhwa for SLC30A8 (rs 13266634), Variant Associated with Disease Susceptibility and Metformin Responsiveness

The Board approved the course work, research topic, and synopsis; however, directed the scholar to carry out the following changes:

- to add the table in methodology
- to rectify the grammatical mistakes
- to rectify the changes as per the suggestion of Departmental GSC meeting (suggestion of Prof. Dr. Mir Azam Khan)

A certificate to this effect shall be obtained from ASRB member Prof. Dr. Mir Azam Khan, duly signed by the concerned supervisor and head of the Department.

Deputy Registrar Admissions

Copy for Information and further necessary action (if any) to:

1. Chairman, Department of Pharmacy,
2. The Controller of Examinations,
3. PS to Vice Chancellor,
4. PA to Registrar,
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