

Minutes of the 53rd Meeting of the Advanced Studies & Research Board, University of Malakand

The 53rd meeting of the Advanced Studies & Research Board was held on 08/01/2020 at 09:30 A.M. in the Committee Room. The following attended the meeting:

1. Prof. Dr. Gul Zaman	Vice-Chancellor	(Chairperson)
2. Prof. Dr. Rashid Ahmad	Acting Dean, Faculty of Education,	Member
3. Prof. Dr. Arab Naz	Dean, Faculty of Social Science,	Member
4. Prof. Dr. Jamil Ahmad	Dean, Faculty of Information Technology,	Member
5. Prof. Dr. Shafiq ur Rehman	Department of Commerce & Management Sciences Registrar	Secretary/Member
6. Dr. Muhammad Usman	Assistant Professor, Department of Commerce & Management Sciences,	Member
7. Dr. Arif Ullah	Assistant Professor, Department of Physics,	Member
8. Dr. Aftab Ali Shah	Assistant Professor, Department of Biotechnology	Member
9. Dr. Israr Ahmad	Associate Professor, GPGC, Dargai,	Member
10. Dr. Izaz Ahmad	Associate Professor, GDC Gulabad,	Member

After recitation of verses from the Holy Qura'n by Prof. Dr .Rashid Ahmad, the Vice-Chancellor welcomed the members of ASRB and allowed the secretary to present the Agenda items wise for consideration of the board. The following agenda items were taken for consideration:

ITEM NO 01: **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF Mr. MAAZ KHAN, M. Phil SCHOLAR, DEPARTMENT OF BIOTECHNOLOGY**

The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved research topic of the scholar titled

“Sero-Epidemiology of Bluetongue in Ruminants at Government Farms in Malakand Division”

The Board also approved the research synopsis.

ITEM NO 02: **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MUHAMMAD SOHAIL KHAN, M. PHIL SCHOLAR, DEPARTMENT OF BIOTECHNOLOGY**

The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved research topic of the scholar titled

“Influence of Microrna-Related Polymorphisms on Clinical Outcomes in Types 2 Diabetes Mellitus” however, the word “*Microrna*” shall be written as “*microRNA*”

The Board also approved the research synopsis.

ITEM NO 03: **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ADNAN KHAN, M.PHIL SCHOLAR, DEPARTMENT OF BIOTECHNOLOGY**

The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved research topic of the scholar titled

“Effect of Zinc Oxide Nanoparticles on Dehydration Stress Tolerance in Wheat (Triticum Aestivum L)”

The Board approved the research synopsis of his research work to be carried by the scholar on the abovementioned topic with directives to consult Dr. Aftab Ali Shah to remove the minor changes and to get a certificate to the effect which must be submitted to the Admissions Section for record

ITEM NO 04: **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MS. SEEMA GUL, M.PHIL SCHOLAR, DEPARTMENT OF BIOTECHNOLOGY**

The Scholar concerned in the presence of her research supervisor presented her research work before the ASRB. The Board approved research topic of the scholar titled

“Changes in Phenolic Profile and Antioxidant Activity of Rubus Fruticosus Fruits During Maturation”

The Board approved the research synopsis of her research work to be carried by the scholar on the abovementioned topic.

Board directed the Admission office to ask for clarification regarding the plagiarism report i.e 0% issued by the Quality Enhancement Cell, the University of Malakand for the perusal of the Vice-Chancellor.

ITEM NO 05: **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MS. RESHMA KHAN, M.PHIL SCHOLAR, DEPARTMENT OF BIOTECHNOLOGY**

The Scholar concerned in the presence of her research supervisor presented her research work before the ASRB. The Board approved research topic of the scholar titled

*“Phenolic Composition, α -Amylase Inhibition and Antioxidant Activities of Different Fruit Varieties of Plum (*Prunus domestica* L.) From Swat”*

The Board approved the research synopsis of her research work to be carried by the scholar on the abovementioned topic.

Board directed the Admission office to ask for clarification regarding the plagiarism report i.e 0% issued by the Quality Enhancement Cell, the University of Malakand for the perusal of the Vice-Chancellor.

ITEM NO 06: **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MS. ALMAS BEGUM, M.PHIL SCHOLAR, DEPARTMENT OF BIOTECHNOLOGY**

The Scholar concerned in the presence of her research supervisor presented her research work before the ASRB. The Board approved research topic of the scholar titled

*“Phenolic Profile, Antioxidant and α -Amylase Inhibitory Activities of Different Varieties of Apricot (*Prunus Armeniaca* L.) From Swat”*

The Board approved the research synopsis of her research work to be carried by the scholar on the abovementioned topic.

ITEM NO 07: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. AZIZ UL HAKIM, PH.D SCHOLAR, DEPARTMENT OF MATHEMATICS**

The course work mandatory for a Ph.D. degree was found satisfactory and was, therefore, approved.

The Scholar concerned in the presence of his research supervisor presented the research work before the ASRB titled

“Ideal Theory in Ordered Semigroups in Terms of Fuzzy Bipolar Soft Sets”

The Board approved the research topic and synopsis of the scholar.

ITEM NO 08: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MUHAMMAD JAMIL, PH.D SCHOLAR, DEPARTMENT OF MATHEMATICS**

The course work mandatory for a Ph.D. degree was found satisfactory and was, therefore, approved.

The Scholar concerned in the presence of his research supervisor presented the research work before the ASRB titled

“Study of Existence and Stability Results to Sequential Hybrid Fractional Differential Equations”

The Board approved the research topic and synopsis of the scholar.

ITEM NO 09: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MS. ROOHI NAZ, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS**

The Board approved the M.Phil. Course Work of the scholar.

The Scholar concerned in the presence of her research supervisor presented the research work before the ASRB. The Board approved research topic of the scholar titled

“A Study of LA-Semigroups Via Soft Sets”

The Board approved the research synopsis of his research work to be carried by the scholar on the abovementioned topic with directives to consult Prof. Dr. Rashid Ahmad to remove the minor changes and to get a certificate to the effect which must be submitted to the Admissions Section for record.

ITEM NO 10: APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ADIL KHAN, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar. The Scholar concerned in the presence of his research supervisor presented the research work before the ASRB. The Board approved research topic of the scholar titled

“A comparative Study of Repeated Left Almost Semigroups”

The Board approved the research synopsis with directives to consult Prof. Dr. Jamil Ahmad to remove the minor changes and to get a certificate to the effect which must be submitted to the Admissions Section for record.

ITEM NO 11: APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ZIAULLAH KHAN, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar. The Scholar concerned in the presence of his research supervisor presented the research work before the ASRB. The Board approved research topic of the scholar titled

“Mathematical Analysis of HIV-1 Infection Model” However, the word *“Mathematical Analysis”* shall be replaced by *“Global Dynamics”* and words *“with cell to cell transmission”* shall be added after the word *“Model”* in the title.

The Board approved the research synopsis with directives to consult Prof. Dr. Arab Naz to remove the minor changes and to get a certificate to the effect which must be submitted to the Admissions Section for record.

ITEM NO 12 APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SYED ZEESHAN ALI SHAH, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar. The Scholar concerned in the presence of his research supervisor presented the research work before the ASRB. The Board approved research topic of the scholar titled

“Laplace Adomian Decomposition Method for Solving MHD Navier’s Slip Boundary Layer Equation”

The Board also approved the research synopsis

ITEM NO 13

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MUHAMMAD UZAIR KHAN, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar.
The Scholar concerned in the presence of his research supervisor presented the research work before the ASRB. The Board approved research topic of the scholar titled

“Laplace Decomposition Method for Heat and Mass Transfer in a Porous Channel”

The Board also approved the research synopsis.

ITEM NO 14

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. AKRAM KHAN, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar.
The Scholar concerned in the presence of his research supervisor presented the research work before the ASRB. The Board approved research topic of the scholar titled

“Fuzzy Congruences on La-Groups”

The Board also approved the research synopsis.

ITEM NO 15

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ZIAULLAH, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar.
The Scholar concerned in the presence of his research supervisor presented the research work before the ASRB. The Board approved research topic of the scholar titled

“Solution of Fuzzy Singular Integral Equations of Abel’s Types Kernel Using Laplace Adomian Decomposition Method”

The Board also approved the research synopsis.

ITEM NO 16

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. AURANG ZEB, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar. The Scholar concerned in the presence of his research supervisor presented the research work before the ASRB. The Board approved research topic of the scholar titled

“The Dynamics of Hepatitis B Epidemic Model Under Preventive Vaccination and Treatment”

The Board also approved the research synopsis.

ITEM NO 17

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MUHAMMAD SHAHID, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar. The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved research topic of the scholar titled

“Generalized Interval-Valued Fuzzy Bi-Filter in Ordered Semigroups”

The Board also approved the research synopsis. However, the scholar has to present again his research work to Dr. Muhammad Sarwar, Assistant Professor, Department of mathematics, University of Malakand and will get a certificate to the effect that the scholar has improved his presentation skills which shall be submitted to Admission office for record

ITEM NO 18

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SAIF ULLAH, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar. The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved research topic of the scholar titled

“A Generalization of Fuzzy Soft Ideals in Ordered Semigroup”

The Board also approved the research synopsis.

ITEM NO 19

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. IBRAHIM, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar.
The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved research topic of the scholar titled
“A Generalization of Fuzzy Soft Ideals in Ordered Semigroups”

The Board also approved the research synopsis.

ITEM NO 20

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ZIA-UL ISLAM, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar.
The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved research topic of the scholar titled

“Fixed Point and Coincidence Point Results for Contractive Type Mappings in Cone 2-Metric and Cone b_2 -Metric Spaces”

The Board also approved the research synopsis.

ITEM NO 21

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MISBAH ULLAH, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar.
The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved research topic of the scholar titled

“Near-Coincidence Point Results in Metric Interval and Hyper Spaces”

The Board also approved the research synopsis.

ITEM NO 22

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. IBRAHIM, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar.
The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved research topic of the scholar titled

“Stability Analysis of Anthroponotic Cutaneous Leishmaniasis Epidemic Model”

The Board also approved the research synopsis.

ITEM NO 23

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SHAHI MULK, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

The Board approved the M.Phil. Course Work of the scholar.
The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved research topic of the scholar titled

“Soft Ideals in Soft Near La-Rings”

The Board also approved the research synopsis.

ITEM NO 24

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SAID HAMID, M.PHIL SCHOLAR, DEPARTMENT OF SOCIOLOGY

The Board approved the M.Phil. Course Work of the scholar.
The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved research topic of the scholar titled

“Remittances and its Impact on the Education of Migrants’ children at primary and higher level”

The Board approved the research synopsis with directives to consult Dr. Muhammad Usman to remove the minor changes and to get a certificate to the effect which must be submitted to the Admissions Section for record.

ITEM NO 25

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. INAM ULLAH, M.PHIL SCHOLAR, DEPARTMENT OF SOCIOLOGY

The Board approved the M.Phil. Course Work of the scholar.
The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved research topic of the scholar titled

“An analysis of Factors Contributing Towards land disputes and Ownership Among the People of Swat (A case Study of Odigram Swat)”

The Board approved the research synopsis

TABLE AGENDA

ITEM - 01: **CLARIFICATION REGARDING A DECISION MADE DURING THE MEETING OF 52ND ASRB.**

In suppression of the previous decision of the Board made in its 52nd meeting it was unanimously decided that the decision regarding translation of title and one page abstract in English language is for the thesis submission and not for the Synopsis

ITEM NO 02: **RE-PRESENTATION OF SYNOPSIS MR. ARSHAD ALI, PH.D SCHOLAR, DEPARTMENT OF MATHEMATICS**

The presentation was up to the satisfaction of the Board and the scholar was directed to precede further in his research activities accordingly

ITEM NO - 03: **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MS. NEELMA, M.PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS**

The presentation was up to the satisfaction of the Board and the scholar was directed to precede further in his research activities accordingly
The Board approved the research title

“Study of some families of Fractional Differential equations using differential transform technique”

The Board also approved the research synopsis.

ITEM NO - 04: **RE-PRESENTATION OF SYNOPSIS MR. TAQWEEN UL HAQ, PH.D SCHOLAR, DEPARTMENT OF BIOTECHNOLOGY**

The presentation was up to the satisfaction of the Board and the scholar was directed to precede further in his research activities accordingly with directives to consult Prof. Dr. Rashid Ahmad to remove the minor changes and to get a certificate to the effect which must be submitted to the Admissions Section for record.

ITEM NO - 05: **RE-PRESENTATION OF SYNOPSIS MR. IBRAR UL HAQ, M.Phil SCHOLAR, DEPARTMENT OF MATHEMATICS**

The presentation was up to the satisfaction of the Board and the scholar was directed to precede further in his research activities accordingly.

ITEM NO 06: APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. IHSAN ULLAH, PH.D SCHOLAR, DEPARTMENT OF SOCIOLOGY

The Scholar concerned in the presence of his research supervisor presented the research work before the ASRB titled

“Sociological Analysis of Terminally III Patients: Issues and Challenges to Social Inclusion of Terminally III Patients in Khyber Pakhtunkhwa”

The Board approved the research topic and synopsis of the scholar.

Approved by

Recorded by

Prof. Dr. Gul Zaman

Vice- Chancellor/Chairman

Dr. Shafiq Ur Rahman

Registrar/Secretary