

Minutes of the 49th Meeting of the Advanced Studies & Research Board, University of Malakand

The 49th meeting of the Advanced Studies & Research Board was held on May **09, 2019** at 10:00 A.M. in the Committee Room. The following attended the meeting:

1. Prof. Dr. Gul Zaman	Vice-Chancellor (Chairperson)
2. Prof. Dr. Mir Azam Khan	Dean, Faculty of Management Sciences Member
3. Prof. Dr. Rashid Ahmad	Dean, Faculty of Social Sciences Member
4. Prof. Dr. Arab Naz	Dean, Faculty of Social Science Member
5. Prof. Dr. Atta ur Rehman	Dean, Faculty of Arts & Humanities Member
6. Prof. Dr. Jamil Ahmad	Dean, Faculty of Information Technology Member
7. Prof. Dr. Munasib Khan	Chairman, Department of Pharmacy Member
8. Dr. Muhammad Usman	Assistant Professor, Department of Commerce & Management Sciences Member
9. Dr. Arif Ullah	Assistant Professor, Department of Physics Member
10. Dr. Aftab Ali Shah	Assistant Professor, Department of Biotechnology Member
11. Dr. Muhammad Abdul Haq	Associate Professor, GPGC, Khar Bajaur Member
12. Dr. Israr Ahmad	Associate Professor, GPGC, Dargai, Malakand Member
13. Dr. Izaz Ahmad	Associate Professor, GDC Gulabad, Dir Lower Member
14. Dy. Registrar Admissions	University of Malakand

After recitation of verses from the Holy Qura'n by Prof. Dr. **Prof. Dr. Ata-ur-Rahman**, the Vice-Chancellor welcomed the members of ASRB and allowed the Dy. Registrar Admissions to present the Agenda item wise for consideration of the Board. The following agenda items were taken for consideration:

ITEM NO 01: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. AZAD WALI, M. PHIL SCHOLAR, DEPARTMENT OF BOTANY**

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 *“Morphological and Proteomic Potential of Taxus fauna from District Swat Khyber Pakhtunkhwa Pakistan”*, however the word *“potential”* shall be replaced by *“profiling”* and *“Pakhtonkhwa”* shall be replaced by *“Pakhtunkhwa”* in the title. It was further decided that the aims and objectives shall be in proper order and shall be updated.

The Board also approved the research synopsis 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 02: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ABDUL HAMID, M. PHIL SCHOLAR, DEPARTMENT OF BOTANY**

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 modified research topic of the scholar titled *“Genetic polymorphism in Local Pea (Pisum Sativum) Germplasm Collected from selected areas of Malakand Division”*.

The Board also approved the research synopsis with directives to consult Prof. Dr. Mir Azma Khan to remove the minor changes and to get a certificate to the effect which must be submitted to the Admissions Section for reference/record.

ITEM NO 03: **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ATTAULLAH, Ph.D SCHOLAR, DEPARTMENT OF BOTANY**

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 *“Status and Distribution Patteren of Vegetation in Sheikh Buddin National Park, Khyber Pakhtunkhwa, Pakistan”*

The Board also approved the research synopsis with directives to consult Prof. Dr. Rashid Ahmad to remove the minor changes and to update the references and to get a certificate to the effect, the revised copy duly signed by supervisor and Prof. Dr. Rashid Ahmad, must be submitted to the Admissions Section for record.

ITEM NO 04: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MS. KHUDIJA BIBI M. PHIL SCHOLAR, DEPARTMENT OF BOTANY**

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

The Board approved research topic of the scholar titled *“Distribution and Multivariate Analysis of Parthenium Hysterophorus an invasive species in Malakand division”*

The Board also approved the research synopsis of the scholar.

ITEM NO 05: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ATTAULLAH MAIN M. PHIL SCHOLAR, DEPARTMENT OF BOTANY**

The Board approved the M.Phil. Course Work

The Board approved research topic of the scholar titled *“Genetic Response of Common Bean (Phaseolus Vulgaris) in Different locations of Malakand Division, Khyber Pakhtunkhwa, Pakistan”*

The Board also approved the research synopsis with directives to incorporate minor suggested changes in consultation with Prof. Dr. Mir Azam Khan and to get a certificate to the effect. The revised copy must be submitted to the Admissions Section for record.

ITEM NO 06: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MS. AYESHA HAMEED M. PHIL SCHOLAR, DEPARTMENT OF BOTANY**

The Board approved the M.Phil. Course Work of 24 credit hours of the scholar.

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 *“Dendrochronological Potential of Pinus Roxburghii in Hindukush Mountain Range of Pakistan”*

The Board also approved the research synopsis of the scholar in its present form.

ITEM NO 07: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SYED IRFAN ULLAH M. PHIL SCHOLAR, DEPARTMENT OF BOTANY**

The Board approved the M.Phil. Course Work of 24 Credit hours of the scholar.

The Board approved research topic of the scholar titled *“Isolation and Characterization of Rhizospheric fungi and Their Effects on Seed Germination and Plant Growth”*

The Board also approved the research synopsis of the scholar in its present shape.

ITEM NO 08: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MS. AQSA IKLAQ M. PHIL SCHOLAR, DEPARTMENT OF BOTANY**

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

The Board approved research topic of the scholar titled *“Temperature Reconstruction from the last 500 years using tree-ring of Conifers in Hindukush Range Mountains of Pakistan”*

The Board also approved the research synopsis with minor changes with the directives to incorporate the same and to get a certificate to the effect from

Dr. Aftab Ali Shah. The revised version of synopsis must be submitted to the Admissions Section.

ITEM NO 09: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SABIR KHAN M. PHIL SCHOLAR, DEPARTMENT OF BOTANY**

The Board approved the M.Phil. Course Work

The Board approved research topic of the scholar titled *“Impacts of Sand Mining on the Vegetation and Environment along the Swat River Basin”*

The Board also approved the research synopsis in its present form.

ITEM NO 10: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. TAREEF ULLAH M. PHIL SCHOLAR, DEPARTMENT OF BOTANY**

The Board approved the M.Phil. Course Work.

The Board approved research synopsis in its present form under the topic *“Factors of the Widespread Decline and Mortality of Cedrus Deodara in Chitral Gol National Park”*.

ITEM NO 11: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SAID BADSHAH M. PHIL SCHOLAR, DEPARTMENT OF ISLAMIC STUDIES**

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

The Board approved research topic of the scholar titled

پناہ گزینوں کی شہریت سے متعلق حقوق کا ایک جائزہ (بین الاقوامی قوانین، پاکستانی شہریت ایکٹ اور شریعت اسلامی کے تناظر میں)“

However, it was suggested that the word ایک shall be replaced by تحقیقی In the title. The Board also approved the research synopsis in its present form.

ITEM NO 12 **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. UBAID ULLAH M. PHIL SCHOLAR, DEPARTMENT OF ISLAMIC STUDIES**

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

The Board approved research topic of the scholar titled “مفتی محمد عنایت“

احمد کاکوری کی حیات و خدمات اور انکی کتاب "تواریخ حبیب الہ" کی تخریج و تحقیق (از غزوہ خندق تا آخر کتاب)

The Board also approved the research synopsis of the scholar.

ITEM NO 13

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MS. SALMA BIBI M. PHIL SCHOLAR, DEPARTMENT OF ISLAMIC STUDIES

The Board approved the M.Phil. Course Work.

The Board approved research topic of the scholar titled

امام سیوطی کی کتاب، انموذج اللیب فی خصائص الحیب ﷺ کا منہج
و خصوصیات (ایک تحقیقی جائزہ)

The Board also approved the research synopsis of the scholar.

ITEM NO 14

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MS. SAFIA BIBI M. PHIL SCHOLAR, DEPARTMENT OF ISLAMIC STUDIES

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

The Board approved research topic of the scholar titled

حافظ ابن کثیر کی کتاب الفصول فی اختصار سیرة الرسول ﷺ کا منہج
و خصوصیات (ایک تحقیقی و تجزیاتی جائزہ)

However, the word “جائزہ” shall be replaced by “Mutaliha” in Urdu format.

The Board also approved the research synopsis of the scholar with directives to consult Prof. Dr. Ata-Ur- Rahman to remove the minor changes and to get a certificate to the effect which must be submitted to the Admissions Section

ITEM NO 15

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. FAHIM ZEB M. PHIL SCHOLAR, DEPARTMENT OF ISLAMIC STUDIES

The Board approved the M.Phil. Course Work.

The Board approved research topic of the scholar titled,

شیعہ سنی اختلافات کے حوالے سے لزلے ہزلٹن کے آراء کا تحقیقی جائزہ
کی (The Epic story of the Shia; Sunni spilt in Islam after the prophet) روشنی میں

However, the scholar was directed to replace the word “کے” by “کی” in the title.

The Board also approved the research synopsis of the scholar.

ITEM NO 16

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MUHAMMAD ZUBAIR M. PHIL SCHOLAR, DEPARTMENT OF ISLAMIC STUDIES

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

The Board approved research topic of the scholar titled

این جے کولسن کی کتاب

کا تحقیقی جائزہ (A History of Islamic Law)

The Board also approved the research synopsis of the scholar

ITEM NO 17

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. UMAR WAHID M. PHIL SCHOLAR, DEPARTMENT OF ISLAMIC STUDIES

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

The Board approved research topic of the scholar titled

بنیادی اسلامی عقائد کے بارے میں نارمن لیوگانسٹر کے آراء کا تحقیقی جائزہ کے حوالے سے (Answering Islam: The Crescent in light of the Cross)

The Board also approved the research synopsis of the scholar.

ITEM NO 18

APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MS. LAILA, M. PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS

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

The Board approved research topic of the scholar titled “*Study of Class of Anti-Periodic Boundary Value Problem Containing Arbitrary Order Derivative*”

The Board also approved the research synopsis of the scholar with directives to consult Dr. Arif Ullah to remove the minor changes from the text and to get a certificate to the effect which must be submitted to the Admissions Section

ITEM NO 19

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

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

The Board approved research topic of the scholar titled “*Investigating a Coupled System with Riemann-Liouville Fractional Derivative by Modified Monotone Iterative Technique*”

The Board also approved the research synopsis of the scholar.

ITEM NO 20

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

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

The Board approved research topic of the scholar titled “*The Effect of Activation Energy on the Ferromagnetic Maxwell Nanofluid*”

The Board also approved the research synopsis of the scholar in its present form.

ITEM NO 21 **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ADNAN KHAN, M. PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS**

The Board approved the M.Phil. Course Work of the concerned scholar.
The Board approved research topic of the scholar titled “*Numerical Solutions to Some Families of Fractional Order Differential Equations by Laguerre Polynomials*”
The Board also approved the research synopsis of the scholar.

ITEM NO 22 **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. HASSAN FAROOQ, M. PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS**

The Board approved the M.Phil. Course Work of the scholar.
The Board approved research topic of the scholar titled “*Semi-Analytical Solutions of Nonlinear Dengue’s Transmission Model*”
The Board also approved research synopsis of the scholar in its present form.

ITEM NO 23 **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SADEEQ ULLAH, M. PHIL SCHOLAR, DEPARTMENT OF MATHEMATICS**

The Board approved the M.Phil. Course Work of the scholar.
The Board approved research topic of the scholar titled “*Establishing Some Fixed Point Theorems in $b_v(\theta)$ Metric Spaces*”
The Board also approved the research synopsis of the scholar

ITEM NO 24 **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MAZHAR HASSAN, 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 “*Carotenoids, Pigments, Phenolic Compounds and In-Vitro Medicinal Evaluation of Phytolica Acinosa Leaves and Fruits*”
The Board also approved the research synopsis of the scholar.

ITEM NO 25 **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. UBAID ULLAH, M. PHIL SCHOLAR, DEPARTMENT OF BIOTECHNOLOGY**

The Board approved research topic of the scholar titled “*Effect of Microwave Heating on Carotenoids, Phenolic Contents and Antioxidant Activity of Momordica Charantia*”

Research synopsis was differed due to poor presentation the student, the Board unanimously directed the scholar to re-submit his research synopsis to the Board for consideration.

ITEM NO 26 **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. TARIQ AZIZ, M. PHIL SCHOLAR, DEPARTMENT OF BIOTECHNOLOGY**

The Board approved research topic of the scholar titled *“Effect of Microwave heating on Carotenoids, Phenolic Compounds and Antioxidation Potential of Brassica Campestris”*

The Board also approved the research synopsis of the scholar.

ITEM NO 27 **APPROVAL OF RESEARCH SYNOPSIS OF MR. BASHIR RAHMAN, M.PHIL SCHOLAR, DEPARTMENT OF BIOTECHNOLOGY**

The Board approved the research synopsis of the subject scholar under the title *“Association of MIR146A rs2910164 (G>C) and Mir34A rs 72631823 (A>G) Variations with Susceptibility to Type-2 Diabetes Mellitus”*.

ITEM NO 28 **PPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. IBRAHIM, PH. D SCHOLAR, DEPARTMENT OF SOCIOLOGY**

The Scholar concerned in the presence of his research supervisor presented his research work successfully before the ASRB. The Board approved research topic of the scholar titled *“Sociological Analysis of Factors Influencing Policing in Khyber Pakhtunkhwa, Pakistan”*

The Board also approved the research synopsis of the scholar in the submitted shape.

ITEM NO 29 **APPROVAL OF COURSE WROK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. IRFAN UL HAQ, M. PHIL SCHOLAR, DEPARTMENT OF COMMERCE & MANAGEMENT SCIENCES**

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

The Board approved research topic of the scholar titled *“Impact of Institutional and Economic Factors on Foreign Direct Investment Inflow in Pakistan”*

The Board also approved the research synopsis of the scholar with changes of minor nature, the scholar was directed to a certificate to the effect from the supervisor certifying removal of deficiencies form the text.

ITEM NO 30 **APPROVAL OF COURSE WROK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MUHAMMAD WAHAB, M. PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY**

The Board approved the M.Phil. Course Work of 24 credit Hours mandatory for the Degree as per HEC/University criterion.

The Board approved research topic of the scholar titled "*MCl₂ Containing Coordination Compounds as Starting precursors for Secondary Reactions*"

The Board also approved research synopsis of the scholar in its present form.

ITEM NO 31 **APPROVAL OF COURSE WROK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. FAIZAN UR RAHMAN, PH. D SCHOLAR, DEPARTMENT OF CHEMISTRY**

The course work mandatory for PhD degree was found satisfactory and was therefore, approved.

The Scholar concerned in the presence of his research supervisor successfully presented his research proposal before the Board. The Board approved research topic of the scholar titled "*Unsymmetrical Thiourea Derivatives and Their Complexes with selected metal ions for Biological and Environmental Applications*"

The Board also approved research synopsis submitted by the Scholar in its present format.

ITEM NO 32 **APPROVAL OF RESEARCH TOPIC AND SYNOPSIS OF MR. JAVED KHAN, PH.D SCHOLAR, DEPARTMENT OF COMMERCE & MANAGEMENT SCIENCES**

In light of the decision made by the ASRB in its 48th meeting the Scholar concerned in the presence of his research supervisor re-presented his research work. All deficiencies and issues were addressed with due attention in a scientific manner. The Board approved present format of research synopsis submitted by the scholar on the topic titled "*Impact of Corporate Governance on Stock and Corporate Liquidity: Evidence from Pakistan Listed Firms*"

ITEM NO 33 **APPROVAL OF COURSE WROK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SAEED ULLAH, M. Phil SCHOLAR, DEPARTMENT OF CHEMISTRY**

The Board approved research topic of the scholar titled "*Removal of Azo Dyes From Aqueos solution by Graphene/Metal Nanocomposites*"

Research synopsis and course work of the scholar were also approved by the Board.

ITEM NO 34 **APPROVAL OF COURSE WROK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SAEED ULLAH JAN, Ph. D SCHOLAR, DEPARTMENT OF CHEMISTRY**

Course work of the scholar required for his mandatory PhD degree was found up to the mark and was therefore approved.

The Scholar successfully defended his research proposal before the ASRB under the title ***“Porous Carbon as Sequestrant of Dyes and Heavy Metals: Experimental and Theoretical Study”***. The proposed title and research synopsis were found satisfactory and were approved by the Board in its present form.

Table Agenda

ITEM NO 01:

CLARIFICATION REGARDING ADMISSION OF MR. AZIZ-UR-RAHMAN IN PHD PROGRAM OF THE DEPARTMENT FOR SPRING 2019

After threadbare discussion on the agenda item the Board unanimously agreed that the student shall be offered additional four subjects before starting his Ph. D studies. The scholar shall obtain at least 3 CGPA in the offered courses. After successful completion of the required course work he will be allowed to start his PhD degree. It was also agreed upon that time spent in additional courses shall be counted towards maximum duration of the Degree i.e., 8 years.

ITEM NO 02:

SUBMISSION OF THESIS OF MR. IBRAR AHMAD M.PHIL SCHOLAR IN THE DEPARTMENT OF MATHEMATICS FOR EXTERNAL EVALUATION

It was decided by the Board that 26-03-2019 (date of meeting of 48th ASRB), shall be considered as the date of approval of the research title, course work and research synopsis of the scholar. It was, therefore, concluded that the scholar shall be allowed to proceed for rest of the formalities as per rules.

Approved by

Recorded by

Prof. Dr. Gul Zaman

Vice Chancellor/Chairman ASRB

Hayatullah Yousafzai

DR. Admissions