

Minutes of the 50th Meeting of the Advanced Studies & Research Board, University of Malakand

The 50th meeting of the Advanced Studies & Research Board was held on 20th June, 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,	Member
13. Dr. Izaz Ahmad	Associate Professor, GDC Gulabad,	Member
14. Registrar	University of Malakand	Secretary

After recitation of verses from the Holy Qura'n by Prof. Dr. **Ata Ur Rahman**, the Vice-Chancellor welcomed the members of ASRB and announced the meeting to be celebrated as "**Golden Jubilee**" and appreciated the meritorious services of the members and all those who have worked hard to make it possible to achieve this academic mile stone of the University of Malakand, the secretary was allowed 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. ZAHOOR IQBAL, Ph.D SCHOLAR, DEPARTMENT OF CHEMISTRY**

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 *“Cost Effective Catalysts for the Synthesis of Benzimidazole Derivatives from Cinnamaldehyde: Dft Descriptors for Molecular reactivity of Substituted Cinnamaldehydes”*

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 MS. SADIA QAZI, M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY**

The Board approved the M.Phil. Course Work 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 *“Investigation of Catalytic Activity and Selectivity of Mica Supported Palladium Nanocubes for Heck Reaction”*

The Board also approved the research synopsis with directives to consult Prof. Dr. Munasib Khan 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 03: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SHAHAB KHAN, M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY**

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 *“Cocystalization of Selective Mono-and-Dicarboxylic Acids wit N-Hetroaromatic Bases and Their Reactions with Metal(II) Salts”*

The Board also 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 04: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND SYNOPSIS OF MS. KAUSAR SHAH, M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY**

The Board approved the M.Phil. Course Work 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 *“Adsorption Studies of Ionic Surfactants on Activated Slaked Lime Substrate”*

The Board also approved the research synopsis

ITEM NO 05: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND SYNOPSIS OF MR. MUHAMMAD JUNAID, M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY**

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 *“Doped the grapheme, Boron Nitride and Zinc Oxide Nanosheets for the Removal of Perfluorinated compounds from Water:Dft Study”*

The Board also 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 06: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MUHAMMAD IFTIKHAR, M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY**

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 *“Green Synthesis of Silver Nanoparticles Using Grewia Optiva Leaves Extract”*

The Board also approved the research synopsis

ITEM NO 07: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MS. TASKEEN MAHMOOD, M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY**

The Case deferred to the next meeting due to acceptance of application for sick leave submitted by the scholar to the Board.

ITEM NO 08: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. WAJID ALI, 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 *“Exact Solution of Generalized Fractional Order Burgers, Fulid Model Passing Through Porous Medium”*

The Board also 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 09: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. GULZAR MEHMOOD, Ph.D SCHOLAR, DEPARTMENT OF COMPUTER SCIENCE & IT.**

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

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 *“Energy-Efficient and Fault-Tolerant Solution to Ensure Reliability of Wireless Body Area Networks”*

The Board also approved the research synopsis

ITEM NO 10: **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. BAKHT AZAM, Ph.D. SCHOLAR, DEPARTMENT OF COMPUTER SCIENCE & IT**

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

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 Algorithm for the Detection of Microcytic Hypochromic Anaemia in Blood Smear Images”*

The Board also approved the research synopsis with directives to consult Prof. Dr. Jamil Ahmad to remove the minor changes especially in the references 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. SAJID RAHIM, M.PHIL SCHOLAR, DEPARTMENT OF COMPUTER SCIENCE & IT**

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 *“Concealed Weapon Detection using Thermal Images”*

The Board also approved the research synopsis.

ITEM NO 12 **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND SYNOPSIS OF MR. RIAZ KHAN, M.PHIL SCHOLAR, DEPARTMENT OF COMPUTER SCIENCE & IT**

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 Algorithm for the Detection of Blood in CCTV Images”*

The Board principally approved the synopsis however, the Board directed the student to re-present again the same in the next meeting due to poor presentation.

ITEM NO 13 **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SALMAN KHAN Ph.D. SCHOLAR, DEPARTMENT OF BIOTECHNOLOGY**

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

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 *“Characterization of Foot-and-Mouth Disease Viruses in Khyber Pakhtunkhwa, Pakistan”*

The Board also approved the research synopsis.

ITEM NO 14 **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. FAZAL HUSSAIN, Ph.D. SCHOLAR, DEPARTMENT OF BIOTECHNOLOGY**

The Scholar concerned in the presence of his research supervisor presented his research work before the ASRB. The Board approved the minor revised research topic of the scholar titled *“The Impact of essential elements Nano-Particles On Lead (Pb) Phytoextraction and Growth of Selected Plants”*

Instead of *“The Impact of Nano-Particles on Lead (Pb) Phytoextraction and Growth of Selected Plants”*

The Board also approved the research synopsis.

ITEM NO 15 **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. UBAID ULLAH, 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 Microwave Heating on Carotenoids, Phenolic Contents and Antioxidant Activity of Momordica Charantia”* However, the word S should be added with first word of the title and hence shall be read and write as *“Effects”*

The Board also 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 16 **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SYED IJAZ AHMAD, 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 *“Molecular Identification of Bluetongue Virus in Ruminants in Malakand Division”*

The Board also approved the research synopsis with directives to consult Dr. Syed Muhammad Jamal to remove the minor changes especially in the aims & objectives and to get a certificate to the effect which must be submitted to the Admissions Section for record.

ITEM NO 17 **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MUHAMMAD SADIQ, Ph.D SCHOLAR, DEPARTMENT OF PHARMACY**

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

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 *“Pharmacoepidemiological Studies in Selected Glaucoma Patients and in Vivo Inhibition of Latanoprost Induced Iridal Hyperpigmentaion”*

The Board also approved the research synopsis.

ITEM NO 18 **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. SAJJAD AHMAD, Ph.D SCHOLAR, DEPARTMENT OF PHARMACY**

The scholar concerned was directed to repeat the course (*Pharm.829 Spectrofluorimetric Methods for Pharmaceutical analysis*) in which he had secured 60% marks or may be offered another related course after which his case shall be forwarded as provided in the same Bye-laws.

The Board deferred the research title and synopsis.

ITEM NO 19 **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. UMAR SHARIF, M.PHIL SCHOLAR, DEPARTMENT OF PHYSICS**

The Board deferred the case and decided that to forward courses/codes for approval from the relevant bodies/anticipatory approval to the competent authority accordingly before submitting such cases to the Board for consideration.

ITEM NO 20 **APPROVAL OF RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. WAJID ALI SHAH, M.PHIL SCHOLAR, DEPARTMENT OF PHYSICS**

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 *“First Principles Study of Lead Free Inorganic Perovskites Cs_2InBiX_6 ($X = Cl, Br, I$)”*

The Board also approved the research synopsis.

ITEM NO 21 **APPROVAL OF RESEARCH TOPIC AND SYNOPSIS OF MR. ATIAT ULLAH, M.PHIL SCHOLAR, DEPARTMENT OF COMMERCE & MANAGEMENT SCIENCES**

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 *“Impact of Transformational Leadership on Employees’ Turnover Intention: The Mediating role of Organizational Commitment on Teachers Turnover intention in Private High schools of District Swat”*

The Board also approved the research synopsis,

ITEM NO 22 **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. AMJAD ALI, Ph.D SCHOLAR, DEPARTMENT OF BOTANY**

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

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 *“Pharmacognostic Standardization, Phytochemical and Pharmacological Investigation of Ilex Dipyrena (Wall)”*

The Board also approved the research synopsis with directives to consult Prof.Dr. Mir Azam Khan to remove the minor changes especially in the aims & objectives and in references to get a certificate to the effect which must be submitted to the Admissions Section for record.

ITEM NO 23 **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ATA UR RAHMAN, Ph.D SCHOLAR, DEPARTMENT OF BOTANY**

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

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 *“Population Distribution and Dynamics of Natural Oak Communities in Swat Pakistan”*

The Board also approved the research synopsis with directives to consult Dr. Aftab Ali Shah to remove the minor changes especially in the aims & objectives and in references to get a certificate to the effect which must be submitted to the Admissions Section for record.

ITEM NO 24 **APPROVAL OF COURSE WORK, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. RAFI ULLAH, Ph.D SCHOLAR, DEPARTMENT OF BOTANY**

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

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 of Xanthium Strumarium an Invasive Species in Khyber Pakhtunkhwa Pakistan”*

The Board also approved the research synopsis.

ITEM NO 25**APPROVAL OF COURSE WORK STUDIED BY PH.D & M.PHIL
SCHOLARS IN THE DEPARTMENT OF BIOTECHNOLOGY**

The Board decided as under mentioned against each Scholar

No	Name	Progm	Approval for	Approved / Not Approved
1	Taqween ul Haq	Ph. D	Course Work	Differed and directed to re submit revised /corrected.
2	Sajjad Ali	Ph. D	Course Work	Differed and directed to re submit revised /corrected.
3	Haris Siddique	Ph. D	Course Work	Differed and directed to re submit revised /corrected.
4	Muhammad Riaz Khan	Ph. D	Course Work	Differed and directed to re submit revised /corrected.
5	Ruqia Ali	Ph. D	Course Work	Differed and directed to re submit revised /corrected.
6	Muhammad Ishaq	Ph. D	Course Work	Differed and directed to re submit revised /corrected.
7	Muhammad Ajmal	Ph. D	Course Work	Differed and directed to re submit revised /corrected.
8	Almas Begum	M. Phil	Course Work	Approved
9	Shahid Ali	M. Phil	Course Work	Approved
10	Kainat Qayum	M. Phil	Course Work	Approved
11	Afrasiyab Khan	M. Phil	Course Work	Approved
12	Maaz Khan	M. Phil	Course Work	Approved
13	Javed Iqbal	M. Phil	Course Work	Approved
14	Jami Ullah	M. Phil	Course Work	Approved
15	Saeed Ullah	M. Phil	Course Work	Approved
16	Rizwan Ahmad	M. Phil	Course Work	Approved
17	Taiba Roedar	M. Phil	Course Work	Approved
18	Shehnaz Akbar	M. Phil	Course Work	Approved
19	Ismail Khan	M. Phil	Course Work	Approved
20	Reshma	M. Phil	Course Work	Approved
21	Seema Gul	M. Phil	Course Work	Approved
22	Muhammad Sohail Khan	M. Phil	Course Work	Approved
23	Bakht Zada	M. Phil	Course Work	Approved
24	Abdus Salam	M. Phil	Course Work	Approved