

Minutes of 4th Meeting of Advance Studies & Research Board

The 4th meeting of Advanced Studies & Research Board, University of Malakand was held on March 22, 2012 in the committee room, University of Malakand.

The following attended the meeting.

1. Prof. Dr. M. Rasul Jan, Vice Chancellor, University of Malakand (Chair)
2. Prof. Dr. Shah Jehan Sayed, Department of Journalism & Mass Communication, UOP.
3. Prof. Dr. Rahmat Ali Khan, Dean, Faculty of Sciences, UOM.
4. Prof. Dr. Rashid Ahmad, Chairman, Department of Chemistry, UOM.
5. Prof. Dr. Iftikhar Ahmad, Chairman, Department of Physics, UOM.
6. Dr. Ezzat Khan, Assistant Professor, Department of Chemistry, UOM.
7. Dr. Siffatullah Khan, Assistant Professor, Department of Software Engineering, UOM.
8. Dr. Badshah Rome Daryab, Assistant Professor, Department of Pashto, UOM.
9. Dr. Anwar-ul-Haq, Assistant Professor of Physics, GDC Dargai.
10. Mr. Raza Shah, Principal, GDC Gulabad, Dir (L).
11. Ms. Basharat Shah, Incharge Principal, UGC, Chakdara.
12. Dr. Mir Azam Khan, Registrar, UOM (Secretary)

The meeting started with recitation of a few verses from the Holy Qura'n by Dr. Siffat Ullah Khan. After recitation the Vice Chancellor welcomed all the honorable members of the Board and directed the Secretary to present the item wise agenda for consideration of the august body.

The Secretary started presentation of each agenda item as under;

ITEM NO: 01

Subject: **APPROVAL OF COURSE WORK IN RESPECT OF M.Phil SCHOLARS IN THE DEPARTMENT OF CHEMISTRY (SESSION 2010-2012) .**

1.1 The Secretary presented the course work of the following scholars for consideration of the Board;

S. No.	Name of scholar	Father's Name	Program
1	Sher Ali Khan	Fazal Manan	Ph.D
2	Hazrat Ali	Muhim Gul	M.Phil
3	Umar Ali	Muhammad Nabi	
4	Zarif Gul	Aleem Gul	
5	Adnan Shahzad	Rahman Shahzada	

Decision:

The Board, after thorough discussion, unanimously approved the course work of the above scholars.

ITEM NO: 02

Subject: **RECORD TRANSFER OF MR. NASRULLAH KHAN, M.Phil SCHOLAR FROM THE DEPARTMENT OF CHEMISTRY TO THE DEPARTMENT OF BIOTECHNOLOGY.**

2.1 Dr. Mir Azam Khan, Secretary of the Board explained the case of Mr. Nasrullah Khan and requested the board for an appropriate decision.

Decision:

The Board allowed transfer of Mr. Nasrullah Khan from Chemistry department to Biotechnology department subject to the conditions that the scholar should cover at least four courses of Biotechnology (12 Cr. Hrs). Further, his Supervisor will remain the same – however - a co-supervisor should be appointed from the department of Biotechnology on the recommendations of the Supervisor.

ITEM NO: 03

Subject: APPROVAL OF RESEARCH TOPIC, PROPOSAL AND COURSE WORK IN RESPECT OF M.Phil SCHOLARS IN THE DEPARTMENT OF PHARMACY.

3.1 The Secretary presented the cases of the scholars of the department of Pharmacy in the following order for consideration of the Board;

M.Phil

S.No.	Name of Scholar	Proposed Research Topic	Session
01	Mubashir Ahmad	Phytochemical and Pharmacological investigation of <i>Cnicus benedictus</i> L.	2008-2010
02	Ismail Shah	Preliminary Phytochemical, Pharmacognostic and Pharmacological activities of <i>Artemisia macrocephala Jacquem.</i>	2010-2012
03	Nauman Altaf	Phytochemical investigation of <i>Isatis Stocksii Boiss.</i>	2010-2012
04	Nisar Zamin Shah	Phytochemical and Pharmacological Screening of <i>Conyza sumatrensis</i> (R.).	2008-2010
05	Haider Ali	Phytochemical investigation of <i>Discorea deltoidea</i> Wall	2010-2012
06	Haroon Rahim	Characterization and sustained Release Tablets Formulation of Plant Gum Obtained from <i>Prunus Armenica</i> (L.) and <i>Prunus Domestica</i> (L.)	2010-2012

Ph.D

S.No.	Name of Scholar	Proposed Research Topic	Session
01	Naveedullah	Evaluation of Indigenous Medicinal Plants as Protectant against Aminoglycoside Induced Nephrotoxicity	2010-13

M.Phil Leading to Ph.D

S.No.	Name of Scholar	Proposed Research Topic	Session
01	Ghayour Ahmad	Pharmacognostic Studies and Bioguided Isolation of Pure Compounds for Antispasmodic and Cytotoxic Activities from Fruits of <i>Callistemon Citrinus</i> (C.)	2010-2014
02	Imran Khan	Antidiabetic Activity and	2008-

		Phytochemical Evaluation of Artemisia indica Linn.	2012
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Decision:

The board discussed the cases of M.Phil/Ph.D scholars individually and decided as under;

1. Case of Mr. Mubashir Ahmad, M.Phil Scholar, Session (2008-2010)

The Board approved course work and Research Proposal "*Phytochemical and Pharmacological investigation of Cnicus benedictus L.*"

2. Case of Mr. Ismail Shah, M.Phil Scholar, Session (2010-2012)

The Board approved course work, and Research topic "*Preliminary Phytochemical, Pharmacognostic and Pharmacological activities of Artemisia macrocephala Jacquem.*". However, the board directed that there is no need of giving title of the topic before introduction and should therefore, start introduction directly. Further, he should delete the date of birth of the scientist at his 4th reference of the proposal.

3. Case of Mr. Numan Altaf, M.Phil Scholar, Session (2008-2010)

The Board approved the course work with the modification in his transcript that both Columns i.e. Practical and Percentage (%) should be deleted further the Research proposal "*Phytochemical investigation of Isatis Stocksii Boiss.*" was approved with the remarks that the scholar should follow the standard and approved format of the University of Malakand. Further, he should use "Chromatographic Technique" only and after incorporating the changes should submit the revised version to the Chairman of the Department.

4. Case of Mr. Nisar Zamin Shah, M.Phil Scholar, Session (2008-2010)

The Board approved the Research topic "*Phytochemical and Pharmacological Screening of Conyza sumatrensis (R.)*." and course work of the scholar. However the board suggested that the new format of the transcript should be followed and Cr. Hrs shall be corrected accordingly.

5. Case of Mr. Hidar Ali, M.Phil Scholar, Session (2010-2012)

The Board approved the course work and suggested that the Columns i.e. Practical and Percentage (%) should be deleted from the transcript. The board also approved the Research proposal "*Phytochemical investigation of Discorea deltoidea Wall*" with the remarks that the scholar should follow the standard and approved format of the University of Malakand. The board also directed that the scholar shall use "Chromatographic Technique" only and after incorporating the changes should submit the revised version to the Chairman of the Department.

6. Case of Mr. Haroon Rahim, M.Phil Scholar, Session (2010-2012)

The Board approved the research topic "*Characterization and sustained Release Tablets Formulation of Plant Gum Obtained from Prunus Armenica (L.) and Prunus Domestica (L.)*" and course work of the scholar. However the board suggested that the Columns i.e. Practical and Percentage (%) should be deleted from the transcript.

7. Case of Mr. Naveed Ullah, Ph.D Scholar, Session (2010-2013)

The Board Approved the Research proposal "*Evaluation of Indigenous Medicinal Plants as Protectant against Aminoglycoside Induced Nephrotoxicity*" and Course work of the scholar. Further the Board directed that the words "MS/M.Phil phase Course Work" in the transcript should be replaced by the words "PhD Course Work".

8. Case of Mr. Ghayour Ahmad, M.Phil Leading to Ph.D Scholar, Session (2010-2014)

The Board approved conversion of Mr. Ghayour Ahmad to Ph.D Program. The Board also approved his course work and Research proposal for Ph.D "*Pharmacognostic Studies and Bioguided Isolation of Pure Compounds for*

Antispasmodic and Cytotoxic Activities from Fruits of Callistemon Citrinus (C.)” However, his Co-Supervisor should be appointed from the department of Pharmacy, University of Malakand .

9. **Case of Mr. Imran Khan, M.Phil Leading to Ph.D Scholar, Session (2010-2014)**

The Board approved the course work of the concerned scholar. However, the Research Proposal *“Antidiabetic Activity and Phytochemical Evaluation of Artemisia indica Linn.”* was differed with the remarks that the approved/standard format has not been followed and the references are not properly cited.

ITEM NO: 04

Subject: **APPROVAL OF Ph.D SYNOPSIS SUBMITTED BY MR. IMAD KHAN, Ph.D SCHOLAR IN THE DEPARTMENT OF PHYSICS.**

4.1 The case of Mr. Imad Khan was duly presented by the Secretary for consideration of the Board.

Decision:

The Board after thorough discussion unanimously approved the Ph.D Synopsis *“DFT Studies of Pure and Transition Metals Substituted II-IV Semiconductors”*. with the remarks that University of Malakand Standard format of synopsis should be followed. Further, the Board nominated Dr. Siffat Ullah Khan to study the synopsis and communicate the typographical mistakes in the synopsis to the scholar concerned. The Board also directed that the scholar should incorporate the corrections made by Dr. Siffat Ullah and shall submit revised version of the synopsis to the Chairman of his department.

The Secretary also briefed the board about the action taken by the Vice Chancellor regarding transfer of Mr. Imad Khan from Hazara University to University of Malakand and requested the board for consideration of his transfer case too.

The Board unanimously confirmed the action taken by the Vice Chancellor and approved the transfer of all his credits at Hazara University towards his M.Phil leading to Ph.D program at the University of Malakand.

ITEM NO: 05

Subject: **APPROVAL OF RESEARCH TOPIC, SYNOPSIS AND COURSE WORK IN RESPECT OF M.Phil/Ph.D SCHOLARS IN THE DEPARTMENT OF BOTANY AND BIOTECHNOLOGY (SESSION 2010-12).**

5.1 The Research Synopsis and course works of the M.Phil/Ph.D scholars of the department of Botany/Biotechnology were presented to the Board by the Secretary as under;

Name of Scholar	Subject/Program	Session	Proposed Research Topic	Supervisor
Ilyas Iqbal	Ph.D Botany	2010-2012	Phytochemical and Biological Activities of Selected Rare and Restricted Species of District Swat, Khyber Pakhtunkhwa, Pakistan	Dr. M. Nisar
Nasir Ali	M.Phil Biotechnology	2010-2012	The uses of Phytoextraction Technology for	Dr. Fazal Hadi

			remediation of Metal contaminated Soil by Parthenium hysterophorous L	
Saeed Ahmad	M.Phil Biotechnology	2010-2012	Characterization and Biological effects of in-vitro lipids of Uromastyx Hardwickii	Dr. Alam Zeb
Shariatullah	M.Phil Botany	2010-2012	The status and ecology of Juticia adhatoda in Malakand Division Khyber Pakhtunkhwa Pakistan	Dr. Nasarullah Khan
Khan Sher	M.Phil Botany	2010-2012	Effect of metabolic extract of Monotheca buxifolia on normal rabbit (Oryctolagus cuniculus)	Dr. Alam Zeb

Decision:**1. Case of Mr. Ilyas Iqbal, Ph.D Scholar in Botany, Session (2010-2012)**

The Board approved the course work and research proposal "*Phytochemical and Biological Activities of Selected Rare and Restricted Species of District Swat, Khyber Pakhtunkhwa, Pakistan*" of Mr. Ilyas Iqbal. However, the Board noticed some mistakes in the references and the "*Aims and Objectives*" part of the proposal and decided that the scholar should take guidance from Dr Ezzat Khan and Dr. Siffatullah Khan for incorporation of the necessary corrections. The Board further decided that the scholar shall submit the revised version of the research proposal to the Incharge of the Department concerned.

2. Case of Mr. Nasir Ali, M.Phil Scholar in Biotechnology, Session (2010-2012)

The Board Approved the Course work and research proposal "*The uses of Phytoextraction Technology for remediation of Metal contaminated Soil by Parthenium hysterophorous L*" However, the Board directed that the scholar should follow the standard format approved by University of Malakand and at the 8th reference the word "ethylendiaminetetra acetic acid" be corrected and before submission of the corrected version of the proposal to the Incharge of the Department, the same may be reviewed and verified from Dr Ezzat Khan.

3. Case of Mr. Saeed Ahmad, M.Phil Scholar in Biotechnology, Session (2010-2012)

The board approved the course work and research proposal "*Characterization and Biological effects of in-vitro lipids of Uromastyx Hardwickii*" with the remarks that the scholar should follow the standard format approved by the university of Malakand and the heading "Specific Objectives" be changed to "Aims And Objectives".

4. Case of Mr. Shariatullah , M.Phil Scholar in Botany, Session (2010-2012)

The Board approved the course work of the Scholar while the research proposal "*The status and ecology of Juticia adhatoda in Malakand Division Khyber Pakhtunkhwa Pakistan*" was rejected for blind repetition of the references. The Board directed that the supervisor should make a note of it and should communicate the remarks of the Board to the scholar.

5. Case of Mr. Khan Sher , M.Phil Scholar in Botany, Session (2010-2012)

The Board approved the course work and research proposal "*Effect of metabolic extract of Monothecca buxifolia on normal rabbit (Oryctolagus cuniculus)*" of the scholar.

6. Case of Ms. Rizwan Bibi, M.Phil Scholar in Botany, Session (2010-2012)

The Board approved the course work of Ms. Rizwan Bibi, M.Phil Scholar in the Department of Botany (Session 2010-2012).

The Board took serious notice of the format of the transcript and directed the Incharge of the Department concerned that in future the courses studies by the Scholar shall be presented on approved standard format of transcript.

ITEM NO: 06

Subject: APPROVAL OF RESEARCH TOPIC AND SYNOPSIS IN RESPECT OF MR. IMDADULLAH, M.Phil SCHOLAR IN THE DEPARTMENT OF ENGLISH.

6.1 The Secretary gave a detailed picture of the case of Mr. Imdadullah and presented the case for consideration of the Board.

Decision:

The Board Approved the Research proposal "*Primordial Resonance in the Poetry of John Keats*" of Mr. Imdadullah.

ITEM NO: 07

Subject: RE-SUBMISSION OF RESEARCH PROPOSAL OF MR. SHAUKAT ALI, M.Phil SCHOLAR IN THE DEPARTMENT OF ENGLISH (SESSION 2008-2010)

7.1. The Secretary presented the case of Mr. Shaukat Ali for consideration of the Board.

Decision:

The Board thoroughly discussed the case of Mr. Shaukat Ali and unanimously approved the Research proposal "*The causes of difficulties in teaching and learning English tenses in government high schools (A case study of Government High Schools in Takht-e-Bhai Tehsil)*".

Additional Agenda Item: 01

Subject: APPROVAL OF SYNOPSIS IN RESPECT OF M.Phil SCHOLARS IN THE DEPARTMENT OF CHEMISTRY.

3.2 The Chairman, Department of Chemistry was allowed by the Board to present the synopsis of the M.Phil Scholars. The Chairman of the department briefed the board about each scholar and informed the board that the synopsis of each of the following M.Phil scholars have been duly studied and recommended by the Board of Studies of the Department of Chemistry;

S.NO.	NAME OF SCHOLAR	SYNOPSIS
01	Mr. Mashooq khan	CALCINATION AND CHARACTERIZATION OF KAOLINITE PRODUCED FROM

		ABIOTIC PRECURSORS AND ITS USE FOR THE WASTEWATER TREATMENT.
02	Mr. Azmat Ullah	ADSORPTIVE REMOVAL OF HEAVY METAL ION FROM AQUEOUS SOLUTION ONTO LOW COST BIOSORBENT.
03	Mr. Mohammad Ali	PHASE TRANSFORMATION OF HYDROUS ALUMINUM SILICATE INTO MULLITE AND CRISTOBALITE THROUGH SPINEL PHASE NUCLEATION AND ITS USE FOR THE WASTEWATER TREATMENT.
04	Mrs. Humaira Khaliq	OXIDATION OF CYCLOHEXANOL WITH OXYGEN CATALYZED BY REDUCED AND UNREDUCED IRON SUPPORTED ON ZIRCONIA IN THE LIQUID PHASE; SOLVENT FREE CONDITIONS
05	Mr. Ibrahim	EFFECT OF SINGLE-WALLED CARBON NANOTUBES ON THE PROPERTIES OF POLYMERIC MATERIALS
06	Mr. Innayatullah	PREPARATION AND CHARACTERIZATION OF CLAY REINFORCED POLYMER NANOCUMPOSITES
07	Ms. Husna Gul	ISOLATION AND CHARACTERIZATION OF SECONDARY METABOLITES FROM GRATIOLA OFFICINALIS L
08	Mr. Hazrat Ali	PHYTOREMEDIATION OF SELECTED HEAVY METALS BY MILLET (PENNISETUM GLAUCUM)
09	Mr. Umar Ali	SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITIES OF GOLD (III) COMPLEXES.
10	Mr. Farman Ullah	COMPARATIVE STUDY OF DIFFERENT METALS IN ROCKS OF HEROSHAH MALAKAND AGENCY

The board studied the synopsis of each scholar and recorded its decision about each case as under;

1. **Synopsis of Mr. Mashooq Khan**

The synopsis of Mr. Mashooq Khan titled "*CALCINATION AND CHARACTERIZATION OF KAOLINITE PRODUCED FROM ABIOTIC PRECURSORS AND ITS USE FOR THE WASTEWATER TREATMENT.*" was approved by the Board. However, the Board directed that the word "*Kaolinite*" in the first reference must be changed to "*Kaolin*".

2. **Synopsis of Mr. Azmatullah**

The Board approved Synopsis of Mr. Azmatullah *"ADSORPTIVE REMOVAL OF HEAVY METAL ION FROM AQUEOUS SOLUTION ONTO LOW COST BIOSORBENT"*.

3. **Synopsis of Mr. Muhammad Ali**

The Board approved synopsis of Mr. Mohammad Ali *"PHASE TRANSFORMATION OF HYDROUS ALUMINUM SILICATE INTO MULLITE AND CRISTOBALITE THROUGH SPINEL PHASE NUCLEATION AND ITS USE FOR THE WASTEWATER TREATMENT"*. However, the Board directed that the scholar should consult with Dr. Anwar-ul-Haq, Assistant Professor in Physics, GDC Dargai for necessary amendments suggested by him and should submit the revised version of the synopsis to the Chairman of the Department.

4. **Synopsis of Ms. Humaira Khaliq**

The Board approved synopsis of Ms. Humaira Khaliq *"OXIDATION OF CYCLOHEXANOL WITH OXYGEN CATALYZED BY REDUCED AND UNREDUCED IRON SUPPORTED ON ZIRCONIA IN THE LIQUID PHASE; SOLVENT FREE CONDITIONS"*

5. **Synopsis of Mr. Ibrahim**

Synopsis of Mr. Ibrahim was approved *"EFFECT OF SINGLE-WALLED CARBON NANOTUBES ON THE PROPERTIES OF POLYMERIC MATERIALS"*. However, the word "study" under the heading "Plane of work" should be changed to "studied" and the revised version should be submitted to the Chairman of the Department.

6. **Synopsis of Mr. Inayatullah**

The Board approved synopsis of Mr. Inayatullah *"PREPARATION AND CHARACTERIZATION OF CLAY REINFORCED POLYMER NANOCUMPOSITES"*. However, the Board directed that the scholar should consult with Dr. Anwar-ul-Haq, Assistant Professor in Physics, GDC Dargai for necessary amendments suggested by him and should submit the revised version of the synopsis to the Chairman of the Department.

7. **Synopsis of Mr. Hazrat Ali**

The Board approved synopsis of Mr. Hazrat Ali *"PHYTOREMEDIATION OF SELECTED HEAVY METALS BY MILLET (PENNISETUM GLAUCUM)"*. However, the word "Experimental Plan" under the heading "Plan of Work" should be deleted.

8. **Synopsis of Mr. Umar Ali Khan**

The Board approved synopsis of Mr. Umar Ali Khan *"SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITIES OF GOLD (HI) COMPLEXES"*.

9. **Synopsis of Ms. Husna Gul**

The Synopsis of Ms. Husna Gul *"ISOLATION AND CHARACTERIZATION OF SECONDARY METABOLITES FROM GRATIOLA OFFICINALIS L"* was differed for the reason/reasons that the Standard format of the University has not been followed while references have also been numbered incorrectly.

10. **Synopsis of Mr. Farman Ullah**

The Synopsis of Mr. Farman Ullah *"COMPARATIVE STUDY OF DIFFERENT METALS IN ROCKS OF HEROSHAH MALAKAND AGENCY"* was differed for the reason/reasons that the Standard format of the University has not been followed while references have also been numbered incorrectly.

The Chairman, Department of Chemistry also presented a format of Synopsis for consideration of the Board.

The Board decided that a committee of the senior faculty members having research qualification shall be constituted by the Vice Chancellor to study the draft format of synopsis proposed by the Chairman, Department of Chemistry and after necessary amendments/insertion/deletion (if any) shall be put up before the Vice Chancellor for an anticipatory approval.

The Secretary asked for permission of the Chair regarding presentation of Table Agendas. The Chair allowed the Secretary and he presented the table agenda items as under;

TABLE AGENDA ITEM NO: 01

Subject: **TRANSFER OF Ph.D ADMISSION AND COURSES FROM THE DEPARTMENT OF CHEMISTRY TO THE DEPARTMENT OF PHARMACY.**

2.1 After a short briefing on the agenda item by the Secretary the Board started discussion on the case and decided as under;

Decision:

The Board after through discussion came to the conclusion that it is on the scholar part to chose department for himself, therefore, the scholar should be immediately transferred from the department of Chemistry to the Department of Pharmacy provided that the scholar should cover all the courses in the department of Pharmacy

Further, the board unanimously agreed that such admissions should not be allowed in future and -in future- explanation should be called from the head of the department concerned for allowing such irrelevant admissions.

TABLE AGENDA ITEM NO: 02

Subject: **EXTENSION IN STUDIES TO M.Phil SCHOLARS IN THE DEPARTMENT OF ECONOMICS (SESSION 2008-2010)**

3.1 The Secretary presented the cases of the following M.Phil scholars in the department of Economics for extension completion of their research work;

S.No.	Name of Scholar	Father Name	Date of Admission	Registration No.
01	Gulab Sher	Noshad Khan	14-02-2008	ECO-Mphil-0803
02	Riaz Ahmad	Ali Akbar	20-02-2008	ECO-Mphil-0804
03	Ali Bahadar	Biradar Khan	16-02-2008	ECO-Mphil-0806

Decision:

The Board granted extension for a period of one semester to the above scholars for completion of their research work on usual payment of semester fee as per University of Malakand rules.

General Decisions

Apart from the agenda items, the Board also issued the following instructions;

1. The powers of the Board regarding declaration of Result in the "M.Phil/Ph.D Bye-Laws 2004 and onwards" are delegated to the Vice Chancellor.
2. All cases for approval/consideration of the Board should be routed through the office of the Dean, Faculty of Sciences, University of Malakand.

3. In future, complete details regarding studies of each scholar shall be presented to the Board in the form of a proforma duly signed by concerned supervisor and head of the department.
4. All departments should adopt the approved format of transcript. The approved format may be obtained from the office of the Dean, Faculty of Sciences, University of Malakand.