

SHAHEED BENAZIR BHUTTO UNIVERSITY
SHERINGAL DIR UPPER (KHYBER PAKHTUNKHWA)



MINUTES OF THE MEETING
OF The 18th ASRB

OF

Shaheed Benazir Bhutto University, Sheringal Dir Upper
(held in the University Guest House Sheringal)

DATE & TIME

June 06,2023 at 10:00 PM (PST)

SHAHEED BENAZIR BHUTTO UNIVERSITY

SHERINGAL DIR UPPER, KHYBER PAKHTUNKHWA, PAKISTAN


Director ASRB 12/6/23


Vice Chancellor

MINUTES OF THE 18TH MEETING OF THE ASRB

The 18th meeting of the Advance Studies and Research Board of Shaheed Benazir Bhutto University, Sheringal was held in the committee room on June 06, 2023 at 10:00 Hours, under the chairmanship of Professor Dr. Muhammad Shahab, Vice Chancellor, Shaheed Benazir Bhutto University. The following attended the meeting.

1. Prof. Dr. Muhammad Shahab (Vice Chancellor)	In Chair
2. Dr. Abdul Khaliq Jan (Pro VC/ Director ORIC)	Member
3. Dr. Shujaat Ahmad (Associate Professor in Pharmacy/ Syndicate Nominee)	Member
4. Dr. Wajid Raza (Assistant Prof. in Management Science/ Syndicate Nominee)	Member
5. Dr. Khan Sher (HoD Botany/ Lecturer in Botany/ Academic Council Nominee)	Member
6. Dr. Hammad Tariq Janjuhah (HoD/AP Geology/ Academic Council Nominee)	Member
7. Dr. Saira Nayab (Assistant Prof. Chemistry/ Syndicate Nominee)	Member
8. Mr. Mohammad Nawaz Khan (HoD Pakistan studies/ Lecturer in Pak Studies)	Member
9. Dr. Alam Zeb (Director QEC)	Member
10. Dr. Midrarullah (Director ASRB)	Secretary

The meeting started with the recitation of a few verses from the Holy Quran by Muhammad Nawaz Khan (HoD-Pakistan Studies). The Concerned HoDs also participated as the subject Experts. The Chair welcomed the participants and thanked them for their timely participation in the meeting. He asked the Director ASRB/Secretary to present the agenda before the Board. The Director ASRB accordingly presented the Agenda through Multimedia. Each item was discussed thoroughly and the following decisions were agreed upon.

Item No. 1	CONFIRMATION OF MINUTES OF THE 18TH ASRB MEETING OF SHAHEED BENAZIR BHUTTO UNIVERSITY
Decision:	The Board confirmed the minutes of the 18th meeting of the Advance Studies and Research Board held on June 06, 2023. However, in the case of agenda items No. 2,3,4, and 5, the board decided that the Synopsis of these scholars must be re-evaluated by the newly constituted Graduate Studies Committee as the duration of the previous committee has already expired. The recommendations of the newly constituted GSC may be submitted to the Directorate of Advance Studies and Research Board along with a correction certificate and revised Synopsis duly signed by the GSC members for onward placement before the Board.


Director ASRB 06/23


Vice Chancellor

Item No. 2	APPROVAL OF THE RESEARCH SUPERVISOR, RESEARCH CO-SUPERVISOR RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR MR. IKRAMUL HAQ, DEPARTMENT OF MATHEMATICS
Decision:	<p>The scholar presented the Synopsis having the following titled before the board</p> <p style="text-align: center;">FRACTIONAL MATHEMATICAL MODELLING AND ANALYSIS OF VARIATION IN THE MASS CONCENTRATION OF CARBON DIOXIDE THROUGH REFORESTATION IN PAKISTAN</p> <p>The Board approved the above Research Title and approved the Research supervisor of the scholar as DR. SAJJAD ALI (Lecturer in Mathematics). The board also approved the Co-Supervisor of the scholar as DR. BAHADER ZEB (SS-UPS & College/ Lecturer Mathematics) subject to approval/recommendations of the committee constituted by the Syndicate of the University for the said purpose.</p> <p>The Board approved the Synopsis of the Scholar subject to the following;</p> <ol style="list-style-type: none"> i. Research questions and problem statements may be incorporated ii. The title of the synopsis must be elaborated in the synopsis iii. The objective of the study should be concise. iv. The term reforestation in the title must be elaborated v. Gantt chart needs to be incorporated vi. The formula used in the study should be rectified. vii. The title page of the synopsis must have the signature of all the members of the GSC in original along with the proper date. viii. The methodology/Equations used in the present study should be supported with proper citations. ix. The introduction section is focused more on carbon rather than mathematical modeling. x. The importance and limitation of the existing model should be elaborated. xi. The scholar needs to explain the proposed model's contribution to the existing literature.


12/06/23
Director ASRB


Vice Chancellor

	<p>xii. The supervisor stated that they will use hypothetical/ assumed data while the objectives are related to original data. This issue must be addressed properly.</p> <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with a correction certificate for the record.</p>
Item No. 3	<i>APPROVAL OF THE RESEARCH SUPERVISOR, RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR MR. DOST MUHAMMAD KHAN, DEPARTMENT OF MATHEMATICS</i>
Decision:	<p>The scholar presented the Synopsis having the following titled before the board</p> <p style="text-align: center;">A NEW APPROACH FOR GEOMETRICAL AND NUMERICAL REPRESENTATION OF THE FRACTIONAL COUPLED BURGERS MODELS</p> <p>The Board approved the above Research Title and approved the Research supervisor of the scholar as DR. SAJJAD ALI (Lecturer in Mathematics).</p> <p>The Board approved the Synopsis of the Scholar subject to the following;</p> <ol style="list-style-type: none"> i. The scholar needs to follow the University approved format ii. The scholar needs to provide brief literature about the Burger model and differentiate his work by providing a brief comparison. iii. Research questions should be incorporated iv. The problem statement should be explained under the same heading. v. Gantt chart should be incorporated vi. The details of the work done on Burger Equation by the Department of Mathematics needs to be discussed and a list may be provided to the board. <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with a correction certificate for the record.</p>
Item No. 4	<i>APPROVAL OF THE RESEARCH SUPERVISOR, RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR MR. ARSHAD MALIK, DEPARTMENT OF MATHEMATICS</i>
Decision:	The scholar presented the Synopsis having the following titled before the board



Director ASRB 12/6/23



Vice Chancellor

	<p style="text-align: center;">LIE SYMMETRY ANALYSIS OF THE TIME FRACTIONAL NON-LINEAR BOUSSINESQ EQUATION</p> <p>The Board approved the above Research Title and approved the Research supervisor of the scholar as DR. MUHAMMAD IQBAL (AP in Mathematics (DPL Basis)) subject to approval/ recommendations of the committee constituted by the Syndicate of the University for the said purpose.</p> <p>The Board approved the Synopsis of the Scholar subject to the following;</p> <ol style="list-style-type: none"> i. Research questions should be incorporated ii. The problem statement should be explained under the same heading. iii. Gantt chart should be incorporated iv. The aims and objectives should be combined and rectified. v. Grammatical mistakes may be rectified vi. The methodology/Equations used in the present study should be supported with proper citations. vii. The scholar has mentioned 44 references. The relevant references may be scrutinized and properly incorporated. viii. The literature review portion needs improvement. <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with a correction certificate for the record.</p>
Item No. 5	<p style="text-align: center;">APPROVAL OF THE RESEARCH SUPERVISOR, RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR MR. SANAULLAH, DEPARTMENT OF MATHEMATICS</p>
Decision:	<p>The scholar presented the Synopsis having the following titled before the board</p> <p style="text-align: center;">GROUP ANALYSIS OF THE NON-LINEAR TIME FRACTIONAL GAS DYNAMICS EQUATION</p> <p>The Board approved the above Research Title and approved the Research supervisor of the scholar as DR. MUHAMMAD IQBAL (AP in Mathematics (DPL Basis)) subject to approval/ recommendations of the committee constituted by the Syndicate of the University for the said purpose.</p> <p>The Board approved the Synopsis of the Scholar subject to the following;</p>


Director ASRB 12/06/23


Vice Chancellor

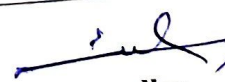
	<ol style="list-style-type: none"> i. Research questions should be incorporated ii. The objectives of the study need to be concise. iii. The problem statement should be explained under the same heading. iv. Gantt chart should be incorporated v. The methodology/Equations used in the present study should be supported with proper citations. vi. The scholar needs to follow the university-approved format for the synopsis <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with a correction certificate for the record.</p>
Item No. 6	<p><i>APPROVAL OF THE RESEARCH CO-SUPERVISOR, RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR MR.FAZAL GHANI, DEPARTMENT OF CHEMISTRY</i></p>
Decision:	<p>The scholar presented the Synopsis having the following titled before the board</p> <p style="text-align: center;">PHYTOCHEMICAL SCREENING, ANTIOXIDENT ACTIVITIES AND STUDIES ON PHENOLIC COMPOUNDS OF RHEUM WITTROCKII ROOTS</p> <p>The title of the synopsis was revised as follows on the recommendation of the supervisor concerned.</p> <p style="text-align: center;">BIOACTIVITIES, IDENTIFICATION AND ISOLATION OF PHENOLIC COMPOUNDS FROM THE RHIZOME OF RHEUM WITTROCKII</p> <p>The Board approved the above title and Synopsis of the Scholar subject to the following;</p> <ol style="list-style-type: none"> i. The objectives of the study need to be concise. ii. The problem statement should be revised. iii. The heading and subheading should be cross-checked iv. The request for a co-supervisor was regretted by the Board after a detailed discussion with the supervisor concerned.


12/06/23
Director ASRB


Vice Chancellor

	Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with a correction certificate for the record.
Item No. 7	<i>APPROVAL OF THE RESEARCH CO-SUPERVISOR, RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR MR. BAKHT SHAH ZEB, DEPARTMENT OF CHEMISTRY</i>
Decision:	<p>The scholar presented the Synopsis having the following titled before the board</p> <p style="text-align: center;">CHEMICAL COMPOSITION, NANO-EMULSION FORMULATION AND BIOLOGICAL ACTIVITIES OF ESSENTIAL OILS FROM LOCAL ARTEMISIA SPECIES</p> <p>The Board approved Co-Supervisor of the Scholar as Dr. Nasir Mahmood (AP-Chemistry). The Board approved the above Research Title of the scholar</p> <p>The Board approved the Synopsis of the Scholar subject to the following;</p> <ol style="list-style-type: none"> i. The identification/confirmation of the specie is mandatory ii. The data analysis procedure and software may be incorporated into the synopsis iii. The references should be cross checked and the missing information should be incorporated iv. The methodology should be elaborated and rectified. v. The name of the financial contributor to the work should be incorporated in the acknowledgment. <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with a correction certificate for the record.</p>
Item No. 8	<i>APPROVAL OF THE RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR MR. MOHIB ULLAH, DEPARTMENT OF CHEMISTRY</i>
Decision:	<p>The scholar presented the Synopsis having the following titled before the board</p> <p style="text-align: center;">SYNTHESIS, STRUCTURAL CHARACTERIZATION AND BIOLOGICAL ACTIVITIES OF DIAZENYL SULFONATES</p>


Director ASRB 12/06/23


Vice Chancellor

	<p>The Board approved the Synopsis of the Scholar subject to the following;</p> <ol style="list-style-type: none"> The objectives of the study should be rephrased The references may be updated and must be written uniformly and according to the approved format Heading should be numbered properly The number of products needs to be mentioned. <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with a correction certificate for the record.</p>
Item No. 9	<i>APPROVAL OF THE RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR MR.KIFAYAT ULLAH, DEPARTMENT OF CHEMISTRY</i>
Decision:	<p>The scholar presented the Synopsis having the following titled before the board THE EXTRACTION AND CHARACTERIZATION OF CELLULOSE NANOMATERIALS (CNMs) AND THEIR APPLICATION IN NANOCOMPOSITE FIELD</p> <p>The Board approved the Synopsis subject to the following;</p> <ol style="list-style-type: none"> The introduction section needs to be concise and relevant to the subject. Problem statement should be reflected based on the literature review The summary of the previous work done on the related subject may be incorporated. The objectives of the study need to be concise. <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with a correction certificate for the record.</p>
Item No. 10	<i>APPROVAL OF THE RESEARCH CO-SUPERVISOR, RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR MR.HAMIDULLAH, DEPARTMENT OF CHEMISTRY</i>
Decision:	The scholar presented the Synopsis having the following titled before the board


Director ASRB


Vice Chancellor

	<p>SYNTHESIS, CHARACTERIZATION AND BIOACTIVITY OF THE SILVER NANOPARTICLE OF THE EXTRACTION OF RUBIA CHITRALENSIS</p> <p>The Board approved the above research title of the scholar. The synopsis was referred back as the similarity index limit is higher than the approved < 05% limit from any single source.</p>
Item No. 11	<i>APPROVAL OF THE RESEARCH SUPERVISOR, RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR HAROON UR RASHID, DEPARTMENT OF ENGLISH</i>
Decision:	<p>The Board deferred the Synopsis of the Scholar due to the following reasons.</p> <ol style="list-style-type: none"> i. The normal two years tenure of the members of the Graduate Studies Committee has expired. ii. The synopsis was recommended by the Graduate Studies Committee after the completion of their normal tenure. <p>The Synopsis must be re-evaluated by the newly constituted Graduate Studies Committee and may be submitted to the Directorate of Advance Studies and Research Board through the prescribed procedure.</p>
Item No. 12	<i>APPROVAL OF THE RESEARCH SUPERVISOR, RESEARCH CO-SUPERVISOR RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR MISS SAYEDA SANA BEGUM, DEPARTMENT OF ENGLISH</i>
Decision:	<p>The Board deferred the Synopsis of the Scholar due to the following reasons.</p> <ol style="list-style-type: none"> iii. The normal two years tenure of the members of the Graduate Studies Committee has expired. iv. The synopsis was recommended by the Graduate Studies Committee after the completion of their normal tenure. <p>The Synopsis must be re-evaluated by the newly constituted Graduate Studies Committee and may be submitted to the Directorate of Advance Studies and Research Board through the prescribed procedure.</p>


12/06/23
Director ASRB


Vice Chancellor

Item No. 13	APPROVAL OF THE RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR MR.ABDUL AZIZ, DEPARTMENT OF CHEMISTRY
Decision:	<p>The scholar presented the Synopsis having the following titled before the board</p> <p style="text-align: center;">STRUCTURAL AND FUNCTIONAL PROPERTIES OF FISH SKIN GELATIN HYDROLYSATES</p> <p>The title of the synopsis was revised as follows on the recommendation of the supervisor concerned.</p> <p style="text-align: center;">STRUCTURAL AND FUNCTIONAL PROPERTIES OF RAINBOW TROUT (ONCORHYCHUS MYKISS) SKIN GELATIN HYDROLYSATES</p> <p>The Board approved the Synopsis of the Scholar subject to the following reasons.</p> <ol style="list-style-type: none"> i. The finding of the study must be linked with industry. ii. The reason for selecting the gelatin of the said fish must be incorporated. iii. The criteria for the selection of said fish must be incorporated in the proposal iv. The comparative analysis of the existing work done on the same title and the uniqueness of the proposed work must be incorporated v. Sufficient literature review regarding the gelatin of fish is available and must be incorporated into the present study. vi. The objectives of the study may be revised and must satisfy the title of the study. vii. Relevant references regarding gelatin from fish skin need to be incorporated <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with a correction certificate for the record.</p>
Item No. 14	APPROVAL OF THE RESEARCH CO-SUPERVISOR, RESEARCH TITLE AND RESEARCH SYNOPSIS OF THE MPHILL SCHOLAR MISS.LAABA BILAL, DEPARTMENT OF CHEMISTRY



Director ASRB



Vice Chancellor

Decision:

The scholar presented the Synopsis having the following titled before the board

**GREEN SYNTHESIS, CHARACTERIZATION AND
PHYSIOCHEMICAL STUDIES OF SILVER
NANOPARTICLES OF RHEUM WITTROCKII**

The board approved the co-supervisor of the scholar as **Dr. Zul Kamal** (Lecturer in Pharmacy).

The Board approved the above research title and Synopsis of the scholar subject to the following.

- i. The introduction section needs to be concise and the problem statement should be clear.
- ii. The references may be updated and must be written uniformly and according to the approved format.
- iii. The authority must be incorporated after the scientific name. In scholarly texts, at least the first or main use of the binomial nomenclature is usually followed by the "authority" – a way of designating the scientist(s) who first published the name.

Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with a correction certificate for the record.

The meeting ended with vote of thanks to and from the Chair.


12/06/23

Director ASRB



Vice Chancellor