

Quality Enhancement Cell
SHAHEED BENAZIR BHUTTO UNIVERSITY



Ref.No: SBBU/QEC(ASRB)/Ntf/25-356

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 1.1, approved the research supervisors for the following M.Phil scholar;

S#	Scholar Name	Supervisor
1.1.1	Hina Sheikh	Mr. Muhammad Younas
1.1.2	Qaribulah	Mr. Iftikhar Ahmad
1.1.3	Imad Khan	Mr. Rooh Ullah

Director QEC/ASRB

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Director QEC/ASRB

Ref.No: SBBU/QEC(ASRB)/Ntf/25-357

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 1.1.4, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research synopsis entitled **“Morphological and Molecular identification of Termites Fauna and their phylogenetic analysis at Tehsil Adenzai Lower Dir, Pakistan”** of the M.Phil. Scholar – **Mr. Imad Khan**, subject to the following minor revisions:

1. Remove the heading **“Research Gap.”**
2. Revise the plan of work using a **PERT/GANTT chart**.
1. Rename **“Materials & Methods”** to **“Research Methodology”** and remove subheadings; ensure the text flows logically and cohesively.
2. Strengthen the research gap by citing **Zanan (2022)** along with other recent relevant studies.
3. Include a **credit authorship statement** for the co-supervisor before the references section.
4. **The following University format must be ensured in the revised synopsis:**
 1. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 2. The Monogram should be one inch from all sides
 3. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 4. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
 5. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

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Ref.No: SBBU/QEC(ASRB)/Ntf/25-358

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Mr. Iftikhar Ahmad** (Lecturer in Zoology) for **M.Phil. Scholar – Mr. Qaribullah** and his research synopsis entitled **“Microscopic investigation of Escherichia coli in small ruminants and associated risk factors in District Swat, KP, Pakistan”**, subject to the following minor revisions:

1. Enhance supplementary reading materials.
2. Remove subheadings from the introduction and conclude it with the problem statement, knowledge gap, and significance; place expected outcomes after the objectives without a separate heading.
3. Revise the methodology by removing all subheadings and ensure the text flows logically.
4. Add missing details in the references section.
5. Make the title more concrete, concise, and shorter.
6. Revise the plan of work and introduce parallelism among activities.
7. Avoid excessive use of headings.
8. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

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Ref.No: SBBU/QEC(ASRB)/Ntf/25-359

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.2, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Kamran Khan** (Lecturer in Zoology) along with **Dr. Nadar Khan** as **Co-Supervisor** (*subject to the justification as per the ASRB decision*) for the M.Phil. Scholar – Mr. Zakir Ullah and his research synopsis entitled ***“Effects of dietary plant polyphenol and electrolytes supplementation on physiological, metabolic, and productive traits of heat-stressed saanen goat”***, subject to the following minor revisions:

1. Justify the appointment of co-supervisor as per decision of the Board.
2. Integrate the problem statement into the introduction and support it with recent, relevant publications.
3. Present the significance (without a heading) after the Aims and Objectives section.
4. Revise the plan of work by introducing parallelism among activities.
5. Reduce or remove excessive subheadings in the methodology and ensure the text flows logically.
6. Number all equations, discuss and reference them within the text, and include appropriate citations.
7. Merge the expected outcomes with the significance section.
8. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

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Ref.No: SBBU/QEC(ASRB)/Ntf/25-360

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.3, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Mr. Iftikhar Ahmad** (Lecturer in Zoology) for the M.Phil. Scholar – **Mr. Riaz Ullah** and his research synopsis entitled, **“Epidemiological analysis of gastrointestinal parasites of common Myna (Acridotheres tristis) in District Dir Lower, KP, Pakistan”**, subject to the following minor revisions:

1. Remove subheadings from the introduction and conclude it with the problem statement and knowledge gap; place the significance (without a heading) after the objectives and include the expected outcomes there.
2. Revise the methodology by removing excessive subheadings and ensuring a logically connected narrative.
3. Add missing details in the references section.
4. Revise the plan of work and introduce parallelism among activities.
5. Number all equations, cite relevant sources, and refer to them appropriately within the text.
6. Assign figure numbers to maps and include proper citations.
7. Support the problem statement and knowledge gap with recent publications (2023–2025) to establish the originality of the proposed work.
8. Include molecular identification of parasites for at least one or two samples.
9. Avoid excessive use of subheadings throughout the document.
10. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

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Ref.No: SBBU/QEC(ASRB)/Ntf/25-361

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.4, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Mr. Iftikhar Ahmad** (Lecturer in Zoology) for the **M.Phil. Scholar – Mr. Masood Khan** and his research synopsis entitled, "***Genetic characterization of Theileria species in the blood of small ruminants in District Dir Lower, KP, Pakistan***", subject to the following minor revisions:

1. Remove subheadings from the introduction and conclude it with the problem statement and knowledge gap; place the significance (without a heading) after the objectives and include the expected outcomes there.
2. Revise the methodology by removing excessive subheadings and ensuring the text flows logically.
3. Add missing details in the references section.
4. Revise the plan of work and introduce parallelism among activities.
5. Support the problem statement and knowledge gap with recent publications (2024–2025) to demonstrate the originality and relevance of the proposed work.
6. Clearly state the number of union councils in Upper Dir.
7. Update the literature review with recent studies.
8. Avoid excessive use of subheadings throughout the document.
9. Ensure the research is updated to reflect recent developments in the field.

10. The following University format must be ensured in the revised synopsis:

- a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
- b. The Monogram should be one inch from all sides
- c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
- d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
- e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

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Ref.No: SBBU/QEC(ASRB)/Ntf/25-362

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.5, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Muhammad Inam** (Lecturer in Zoology) for the M.Phil. Scholar – **Miss. Iqra Wahab** and her research synopsis entitled, ***“Evaluation of drug resistance pattern in commercial fish from barikot and babozai Tehsil-district Swat”***, subject to the following minor revisions:

1. Explain the **One Health** approach and support it with appropriate citations.
2. Integrate the novelty statement and research gap into the introduction without using separate headings.
3. Present the significance after the objectives section, without a heading.
4. Revise the methodology by removing subheadings and ensuring the text flows logically.
5. Add a schematic diagram to the methodology for clearer explanation.
6. Include a detailed plan of work.
7. Specify the names of antibiotics along with their concentrations.
8. Clearly state the variables or factors to be controlled in the study.
9. Mention the name(s) of medicines relevant to human health.
10. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

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Ref.No: SBBU/QEC(ASRB)/Ntf/25-363

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.6, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Asmat Ullah Khan** (Assistant Professor in Zoology) **for the M.Phil. Scholar – Mr. Saad Zaman** and his research synopsis entitled, **“Molecular characterization of *Toxoplasma gondii* and its association with hematological profile in Donkey of District Dir Lower and Dir Upper, KP, Pakistan”**, subject to the following minor revisions:

1. Merge the last paragraph of the introduction with the research gap (without a separate heading) and support it with relevant publications from 2024–2025.
2. Remove the “**Significance**” heading and incorporate its content under the Aims and Objectives section.
3. Revise the plan of work using **Gantt and/or PERT charts**.
4. Remove subheadings from the methodology and present it as a logically connected narrative.
5. Add a schematic diagram to further clarify the methodology.
6. Combine the outcomes with the significance section.
7. Provide a clear justification for the selection of Upper and Lower Dir.
8. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

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Ref.No: SBBU/QEC(ASRB)/Ntf/25-364

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.7, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Kamran Khan** (lecturer in Zoology) along with **Dr. Ihsan Uddin as Co-Supervisor for the M.Phil. Scholar – Mr. Dawood Khan** and his research synopsis entitled, ***“Integrated control of Haemonchus contortus in Saanen goats using anthelmintic drugs and nutritional supplementation with black soldier fly larvae”***, subject to the following minor revisions:

1. Integrate the problem statement into the introduction and support it with the latest relevant publications.
2. Present the methodology as a logically connected narrative by removing subheadings, adding a schematic diagram, and numbering equations.
3. Revise the plan of work and clearly indicate the timelines/years.
4. Combine the significance and research outcomes into a single coherent text under the Aims and Objectives section.
5. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

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Ref.No: SBBU/QEC(ASRB)/Ntf/25-365

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.8, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Ziaur Rahman Khalil** (lecturer in Zoology) for the M.Phil. Scholar – **Mr. Siraj Ullah** and his research synopsis entitled, **“Comparative analysis of different intensity of Haemo parasitism on blood profile and milk quality of local and crossbred cattle”**, subject to the following minor revisions:

1. Revise the title to make it clearer and more concise.
2. Integrate the problem statement into the introduction and support it with the latest relevant publications.
3. Remove subheadings from the methodology and elaborate it using a schematic diagram.
4. Revise the plan of work using **GANTT/PERT charts** and demonstrate parallelism among activities.
5. Present the significance, expected outcomes, and importance (without separate headings) immediately after the objectives in a coherent, connected manner.
6. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

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Ref.No: SBBU/QEC(ASRB)/Ntf/25-366

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.9, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Kamran Khan** (lecturer in Zoology) for the **M.Phil. Scholar – Miss Mehek Faryal** and her research synopsis entitled, ***Impact of partial and complete replacement of wheat bran with tree leaf on productive traits and nutrient composition of mealworm beetle over two generation***, subject to the following minor revisions:

1. Rephrase the title to a concise length of **12–18 words**.
2. Remove the separate problem statement heading and integrate it into the introduction, supported by the latest relevant citations.
3. Present the significance and expected outcomes (without headings) as continuous text immediately after the Aims and Objectives.
4. Remove subheadings from the methodology and present the methods in a logically connected narrative.
5. Add a schematic diagram to further elaborate the methodology.
6. Include a plan of work using **GANTT and/or PERT charts**.
7. Clearly explain the selected sub-locations.
8. Support the methodology with recent relevant publications.
9. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J), in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

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Ref.No: SBBU/QEC(ASRB)/Ntf/25-367

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.10, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Kamran Khan** (lecturer in Zoology) for the **M.Phil. Scholar – Miss Hafsa** and her research synopsis entitled, "*Effect of dietary yeast and male to female ratio on the productive and reproductive traits of mealworm beetle (Tenebrio molitor)*", subject to the following minor revisions:

1. Remove the separate problem statement heading and integrate it into the introduction, supported by the latest relevant citations.
2. Present significance and expected outcomes (without headings) as continuous text immediately after the Aims and Objectives.
3. Remove subheadings from the methodology and present the methods in a logically connected narrative.
4. Add a schematic diagram to further clarify the methodology.
5. Introduce parallelism among activities in the plan of work.
6. Number all equations and reference them appropriately within the text.
7. Add relevant citations to support the equations.
8. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J), in the rest of the synopsis text
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Ref.No: SBBU/QEC(ASRB)/Ntf/25-368

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.11, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Asmat Ullah Khan** (Assistant Professor in Zoology) **for the M.Phil. Scholar – Miss Shaista** and her research synopsis entitled, **“Morphological and molecular characterization of lizard intestinal helminthes parasites in District Chitral, KP, Pakistan”**, subject to the following minor revisions:

1. Merge the last paragraph of the introduction with the research gap (without a separate heading) and support it with relevant publications from 2024–2025.
2. Remove the “**Significance**” heading and include its content under the Aims and Objectives section.
3. Revise the plan of work using **GANTT or PERT charts**.
4. Remove subheadings from the methodology and present it as a logically connected narrative.
5. Add a schematic diagram to further elaborate the methodology.
6. Combine the outcomes with the significance section.
7. Clearly justify the selection of Chitral for the research work.
8. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
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Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.12, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Asmat Ullah Khan** (Assistant Professor in Zoology) **for the M.Phil. Scholar – Mr. Ayaz Khan** and his research synopsis entitled, **“Molecular identification of *Toxoplasma gondii* in mules of District Dir Lower and Upper, KP, Pakistan”**, subject to the following minor revisions:

1. Merge the last paragraph of the introduction with the research gap (without a separate heading) and support it with relevant publications from 2024–2025.
2. Remove the “**Significance**” heading and include its content under the Aims and Objectives section.
3. Revise the plan of work using **GANTT or PERT charts**.
4. Remove subheadings from the methodology and present it as a logically connected narrative.
5. Add a schematic diagram to further clarify the methodology.
6. Combine the outcomes with the significance section.
7. Provide clear justification for selecting Upper and Lower Dir for the study.
8. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
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Ref.No: SBBU/QEC(ASRB)/Ntf/25-370

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.13, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Asmat Ullah Khan** (Assistant Professor in Zoology) **for the M.Phil. Scholar – Mr. Atta Ullah** and his research synopsis entitled, **“Prevalence and molecular characterization of *Hepatozoon* spp., in horses from Dir Lower, Upper, and Islamabad, Pakistan”**, subject to the following minor revisions:

1. Merge the last paragraph of the introduction with the research gap (without a separate heading) and support it with relevant publications from 2024–2025.
2. Remove the “**Significance**” heading and include its content under the Aims and Objectives section.
3. Revise the plan of work using **Gantt or PERT charts**.
4. Remove subheadings from the methodology and present it as a logically connected narrative.
5. Add a schematic diagram to further clarify the methodology.
6. Combine the outcomes with the significance section.
7. Provide clear justification for selecting Upper and Lower Dir for the study.
8. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
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 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
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Ref.No: SBBU/QEC(ASRB)/Ntf/25-371

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.14, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Zia Ul Islam** (Lecturer in Zoology) for the **M.Phil. Scholar – Miss Musarat** and her research synopsis entitled, **“Epidemiological evaluation of glucose-6-phosphate dehydrogenase (G6PD) deficiency in Malaria patients in Dir Upper”**, subject to the following minor revisions:

1. Remove the headings **“Research Gap”** and **“Problem”** and integrate them into the introduction, supported by relevant publications to demonstrate novelty and originality.
2. Present significance and outcomes together (without headings) immediately after the objectives.
3. Remove excessive headings in the methodology and present it as a logically connected narrative.
4. Include timelines/years in the plan of work.
5. Elaborate in the revised proposal how this work is relevant to the existing body of literature in Zoology.
6. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

Director QEC/ASRB

Copy for information to:

1. PS to Vice Chancellor
2. The HoD concerned for record
3. The Supervisors concerned
4. The Scholars concerned
5. Master File

Director QEC/ASRB

Ref.No: SBBU/QEC(ASRB)/Ntf/25-372

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.15, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Zia Ul Islam** (Lecturer in Zoology) for the **M.Phil. Scholar – Mr. Zabih Ullah** and his research synopsis entitled, "**Molecular detection of Cryptosporidium in Diarrheal patients District Dir Lower, KP, Pakistan**", subject to the following minor revisions:

1. Establish the problem statement and research gap with support from recent relevant publications.
2. Ensure uniformity in font and size across all headings and text.
3. Revise the plan of work using **GANTT or PERT charts**.
4. Improve map visibility and provide appropriate references.
5. Remove subheadings from the methodology; present the text as a logically connected narrative, elaborate methods using a schematic diagram, number equations, and reference them within the text.
6. Properly capture and label all diagrams and tables.
7. Include exact dates and times in the plan of work.
8. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

Director QEC/ASRB

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Director QEC/ASRB

Ref.No: SBBU/QEC(ASRB)/Ntf/25-373

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.16, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Kamran Khan** (Lecturer in Zoology), along with **Dr. Nadar Khan as Co-Supervisor (subject to the justification as per ASRB decision) for the M.Phil. Scholar – Mr. Assad Ullah** and his research synopsis entitled, ***“Effects of dietary plant polyphenol and chromium supplementation on hematological, biochemical, and growth traits of heat-stressed male Saanen kids”***, subject to the following minor revisions:

1. The title needs rephrasing; a revised version is required.
2. Integrate the problem statement into the introduction and support it with recent relevant publications.
3. Move the significance (without a heading) to follow the Aims & Objectives section.
4. Revise the plan of work and introduce parallelism among activities.
5. Reduce or remove excessive subheadings in the methodology and ensure the text flows logically.
6. Number all equations, discuss them, reference them within the text, and include relevant citations.
7. Combine the expected outcomes with the significance section.
8. Add citations to support the statistical tests used.
9. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,), in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

Director QEC/ASRB

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Director QEC/ASRB

Ref.No: SBBU/QEC(ASRB)/Ntf/25-374

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.17, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Iftikhar Ahmad** (Lecturer in Zoology), for the M.Phil. Scholar – **Mr. Muhammad Hanif** and his research synopsis entitled, "**Evaluating antibiotic consumption and antibacterial resistance in poultry of district Dir Lower**", subject to the following minor revisions:

1. Remove the separate headings for **Problem Statement** and **Research Gap** and integrate them into the introduction, supporting arguments with recent publications (2024–2025) to highlight novelty and originality.
2. Present significance and outcomes together (without headings) under the objectives in textual form.
3. Properly caption all figures and improve the visibility of maps.
4. Revise the methodology by removing subheadings, presenting it as a logically connected narrative, and adding a schematic diagram for further clarification.
5. Revise the plan of work using **Gantt or PERT charts**.
6. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

Director QEC/ASRB

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Director QEC/ASRB

Ref.No: SBBU/QEC(ASRB)/Ntf/25-375

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.1.18, endorsed the recommendations of the 10th Graduate Studies Committee (GSC) of the Department of Basic and Applied Zoology concerning the proposed Research Supervisor, **Dr. Iftikhar Ahmad** (Lecturer in Zoology), **for the M.Phil. Scholar – Mr. Ashfaq Ahmad** and his research synopsis entitled, **“Identification of soft ticks (Argasidae) in backyard chicken in District Dir Upper”**, subject to the following minor revisions:

1. Remove subheadings from the introduction and conclude it with the problem statement and knowledge gap; place significance (without a heading) after the objectives and include expected outcomes there.
2. Revise the methodology by removing all subheadings and presenting it as a logically connected narrative.
3. Add missing details in the references.
4. Revise the plan of work and introduce parallelism among activities.
5. Number all equations and reference them appropriately within the text.
6. Include a schematic diagram to further elaborate the methodology.
7. Add relevant citations throughout the text.
8. Establish the originality of the work by citing recent publications from 2024–2025.
9. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,), in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

Director QEC/ASRB

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Director QEC/ASRB

**Quality Enhancement Cell
SHAHEED BENAZIR BHUTTO UNIVERSITY**



Ref.No: SBBU/QEC(ASRB)/Ntf/25-376

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 2.2, after reviewing the case of **Mr. Siraj Ullah** - the M.Phil scholar, approved extension in his study till June 30, 2026, so that he may complete his research work.

Director QEC/ASRB

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Director QEC/ASRB

Ref.No: SBBU/QEC(ASRB)/Ntf/25-377

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 3, deferred the case of reporting of QEC Score till next ASRB upon a request of the Ex. Director QEC where he shall personally appear before the ASRB and shall point out certain issues before the Board for further perusal/line of action.

Director QEC/ASRB

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Director QEC/ASRB

Quality Enhancement Cell
SHAHEED BENAZIR BHUTTO UNIVERSITY



Ref.No: SBBU/QEC(ASRB)/Ntf/25-378

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 4.1, considered re-presentation of synopsis by **the M.Phil. Scholar – Mr. Sardar Qayoum** (Department of Environmental Sciences) before the ASRB, where the presentation was declared as satisfactory; however, he is required to address the observations made by the Board in its 39th meeting under agenda Item No. 6.1.1. The synopsis was approved subject to the following minor revisions:

1. Establish the problem statement based on recent relevant literature.
2. Incorporate recent publications from 2025.
3. Revise the Plan of Work to introduce parallelism among activities.
4. The synopsis is approved, but the scholar should present it again to the ASRB to build confidence and address any anxiety.
5. **The following University format must be ensured in the revised synopsis:**
 - a. Title of the synopsis (topic) should be at the top of the title page and must be in 16 fonts while all other details should be below the Monogram and in 14 fonts
 - b. The Monogram should be one inch from all sides
 - c. Paper size should be selected as letter sized with Normal Margins (one inch from all sides),
 - d. Time New Roman Style with 12 fonts size, 1.5 line spacing & justified text (ctrl+J,) in the rest of the synopsis text
 - e. The University name should be in capital letters and bold with 22 fonts and the university address etc should be in capital letters and bold with 16 fonts at the bottom of the title page.

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Director QEC/ASRB

Ref.No: SBBU/QEC(ASRB)/Ntf/25-379

Dated: 26.12.2025

NOTIFICATION

The Advanced Studies and Research Board (ASRB), at its 40th meeting held on 16.12.2025 in the Committee Room of the University Guest House, under agenda item No. 4.2 , after reviewing the cases, approved time extension to the following M.Phil/Ph.D scholars till June 14, 2026.

S#	Name of Scholars'/ Supervisor	Program	Date of Admission	Normal Date of Completion	1 st Time extension up to
01	Waheed Ullah/ Dr. Sami Ul Haq	Ph.D	10.06.2021	10.06.2024	14.12.2024
02	Shaid Iqbal/ Dr. Aftab Ahmad	Ph.D	10.06.2021	10.06.2024	14.12.2024
03	Muhammad Tufail/ Dr. Aftab Ahmad	Ph.D	10.06.2021	10.06.2024	14.12.2024
04	Aziz Ul Haq	M.Phil	16.06.2022	14.12.2024	14.12.2024

Director QEC/ASRB

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