

Priority Disciplines for Research Proposal

Although Ministry of Higher Education encourages individual and group research proposal in all disciplines BUT the proposal in the following (9-nine) disciplines will be given preference in the selection process. These disciplines are:

- **Physical and Life Sciences**
Sciences (biology, chemistry and physics), Geology and Earth Science
- **Computing**
Computer Science and computer programming
- **Engineering, manufacturing and construction**
Engineering, construction, electro-mechanics, chemical technology, and mining
- **Health**
Pharmacy, general medicine, medical treatment, stomatology, and nursing
- **Environmental Protection**
Environment and environmental engineering
- **Agriculture**
Agriculture, veterinary forestry, crop and livestock production, agronomy, irrigation, animal husbandry and horticulture
- **Communication and information technologies**
- **Management and policy administration**
- **English language and English Literature**

Guideline for the preparation and selection of group research project

1. Group Research projects are those projects which are designed and conducted by a group of 2 or more researchers. The team should include one head of the research team and other researchers as members of the research team.
2. All research proposals of group research projects and their reports should be in English.
3. Each researcher of the group research team should be a faculty member of one of public universities or private higher education institutions, and should have a Masters or Ph.D. degree or equivalent qualifications.
4. All researchers of the group research team should provide a summary of their research activities and research result when submitting the proposal for the group research projects.

5. Duties, roles, rights and privileges of each researcher should be clearly explained and should be submitted along with the proposal as an attachment, or should be clearly stated in the context of the research proposal.
6. Cost and expenses (budget breakdown) of the research proposals should be stated in detail and to be approved by the Research Board of MoHE.
7. The timeframe (start and end) of group research projects should be clear. Group research projects should be completed within a maximum period of 18 months for group projects.
8. Group research projects can be either Basic Research or Applied Research.
9. Group research projects should be designed and implemented for the economic development of the country. The proposals must explain how the proposed research projects will contribute to the economic development of Afghanistan or one or more Provinces in Afghanistan.
10. Group research projects may include a wider area of research issues than individual research projects.
11. Group Research projects should have clear action plans for conducting the project and the researchers should be willing to answer questions regarding the action plan.
12. Group research projects should meet international standards.
13. The research team, upon completion of the research, should provide a report to the MoHE and WB describing the research activities undertaken, the main findings and conclusions, and policy recommendations. This report should be in English.
14. Group research projects, after completion, should be: (a) submitted for publication in a reputable international journal; or (b) published as a book or monograph; or (c) submitted for a patent or copyright; or (d) entered into an agreement with private companies for development as commercially viable products or services. Which option is selected will depend on the nature of the research and findings.
15. Members of the group research should be committed to team work.
16. The presentation of the project should be given by the whole team when the research project is completed.
17. Group research proposals should be submitted according to the checklist which is designed by the MoHE Research Board.
18. In group research projects, the participation of female researchers in teams is encouraged.
19. The research projects must be approved by department and counsel of faculty.

Guideline for preparation and selection of individual research project

1. Individual Research projects are those projects which are designed and conducted by one researcher.
2. All research proposals of individual research projects and their reports should be in English.
3. The researcher of the individual research project should be a faculty member of a public university, and should have a Masters or Ph.D degree or equivalent qualifications.
4. The researcher of the individual research project should provide a summary of his/her research activities and research outcomes when submitting the proposal for the individual research projects.
5. Cost and expenses (budget breakdown) of the research proposals should be stated in detail and to be approved by the Research Board of MoHE.
6. The timeframe (commencement and end) of individual research projects should be clear. Research projects should be completed within a maximum period of 12 months for individual projects.
7. Individual research projects can be either Basic Research or Applied Research.
8. Individual research projects should be designed and implemented for the economic development of the country. The proposals must explain how the proposed research projects will contribute to the economic development of Afghanistan or one or more Provinces in Afghanistan.
9. Individual research projects should have clear action plans for conducting the project and the researcher should be able to answer question regarding the action plan.
10. Individual research projects should meet the international standards.
11. Individual research projects, after completion, should: (a) submitted for publication in a reputable international journal; or (b) published as a book or monograph; or (c) submitted for a patent or copyright; or (d) entered into an agreement with private companies for development as commercially viable products or services. Which option is selected will depend on the nature of the research and findings.
12. Individual research proposal should be according to the checklist which is designed by the MoHE Research Board.
13. In individual research projects, suitable qualified female researchers are to be encouraged to apply.
14. The research projects must be approved by department and counsel of faculty.

Format for Research Proposal

**Format for Research Proposals
Higher Education Development Project**

Name of the University/ Higher Education

Institute:.....

Name of Researcher:

Registration Number:.....

Title of the Research:.....

Sections of Research Proposal		Score	Remarks by reviewer
Introduction (Max 400 words)			
Problem Statement (Max 500 words)			
Research gap and Economic/development justification of the research (Max 150 words)			
Research Objectives and Questions OR (testable) Hypothesis (Max 100 words)			
Literature Review (Max 800 words)			
Research Methodology (Max 200 words)			
Expected Results (Max 100 words)			
References (Reference to at least 15 peer review articles)			