



SHAHEED BENAZIR SCHOLARSHIP PROGRAM

Global Academic Opportunities Program:

CHIEF MINISTER BALOCHISTAN - MERIT SCHOLARSHIPS FOR LEADING PHD PROGRAMS (CMSPP).

BALOCHISTAN EDUCATION ENDOWMENT FUND (BEEF)

A PUBLIC SECTOR COMPANY REGISTERED UNDER SECTION 42 OF COMPANIES ACT, 2017

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Program Facts:

1.	Program Title	Chief Minister Balochistan - Merit Scholarships for Leading Ph.D programs (CMSPP).
2.	Sponsored By	Government of Balochistan
3.	Executing Agency	Balochistan Education Endowment Fund
4.	Country	International / Foreign Countries
5.	Beneficiaries	Bright and Needy Students of Balochistan who have completed MS/MPhil and ready to undertake PhD level in STEM Subject, Social Sciences & Humanities/ Arts studies in QS 100 ranking foreign universities.
6.	Quantitative Output	Yearly approx. 10 Students. However, the number of available slots may vary per the budget availability.(STEM 70% & Other Subject 30%)
7.	Qualitative Output	To create a critical mass of highly qualified professionals in the fields relevant to the socio-economic development needs of the province.

1. Introduction, Background and Program Rationale:

Education is a purposeful activity and has great implications for both the individuals and the societies. Education plays the pivotal role for enhancements of social and economic benefits and particularly its significance cannot be undermined for developing countries and nations.

Human society is a combination of monetary and non-monetary factors and hence both are to be considered whenever an activity is planned or taking place. Education is multifaceted impacts on the society and its economy. It induces economic growth and development positively on one hand and reduces poverty creating a cohesive social and politically stable environment on the other, which will also attract investments and improve development ultimately. On the whole, it makes workforce comparatively more dynamic and productive, more socially polite. The benefits of education to the society are numerous such as employment, earning, poverty alleviation, export rate, on the economic front, while social responsibility, health care, political awareness, etc on the social front. The government and the civil society have to invest in education to reap the benefits of education more socially than economically. This is the only way to make Balochistan a peaceful and safer place rather through other measures. This social security insurance consequently, affects the country's economy positively.

The economic growth of a country requires both physical and human capitals. The human capital works as a soul animating the physical capital of the country. It is not only necessary for the strong and viable economy but equally important for the political stability and a conducive social environment and thus sustainable growth and development of economy is dependent on it.

Education plays a major part in the formation of human capital of a society and hence provides a strong foundation for the socio-economic development of the country by raising the efficiency and productivity of the individual members and turns them as skilled manpower, ensuring a sustainable economy. It is commonly

considered tool for poverty alleviation, increasing economic growth, people empowerment, cherishing personal earnings, encouraging a friendly and flexible environment paving way for a competitive economy. Furthermore, it provides for the new generations strategies coping the complexities of economies in future. Education provides for none other than the skills, knowledge and capabilities through which the individuals have to be nurtured and developed in order “to produce the required manpower in adequate quality and quantity”, which signifies a key objective of the educational institutions at all level such as schools, colleges, universities.

A common goal of higher education is to prepare students for their future: to acquire appropriate knowledge, skills, and abilities for the marketplace; to earn an adequate salary; and to positively contribute to one’s community and society. For students from low-and middle-income countries who pursue higher education in high-income countries, the home country context in which they pursue these goals may be significantly different from the environment in which they studied. In their countries of origin, students may have access to fewer financial resources and face associated challenges, such as low-quality infrastructure, more public health concerns, and higher rates of corruption.

Due to this fact, many bright students from low-and middle-income households seek international scholarship support to pursue higher education overseas. Often the national scholarship programs mandate that recipients “give back” to their home countries following their studies so scholars “apply” their experiences to aid their countries of origin through the assistance of their acquired ability to influence social and economic change. Therefore, scholarship programs are widely viewed as tools for national development, evidenced by their recent inclusion as one of the education targets in the United Nation’s Sustainability Goals: “By 2020, to substantially expand globally the number of scholarships available to developing countries, in particular least developed countries, small island developing States and African countries, for enrolment in higher education” (United Nations, 2016)”. The assumption is that quality higher education is an opportunity to be afforded to all talented young people, even if it means crossing national borders and obtaining financial support from third parties to reach this goal.

Moreover, focus on STEM (Science, Technology, Engineering, and Mathematics) subjects can play a crucial role in the development of Balochistan, as it can help address various challenges and harness opportunities in the region. Here are some key reasons why STEM education is important for the development of Balochistan:

Economic Development: STEM education can equip individuals with the skills needed to participate in the global economy. It can lead to the creation of high-quality jobs, promote innovation, and attract investment in industries such as energy, agriculture, and technology, which are crucial for Balochistan's economic growth.

Infrastructure Development: STEM subjects are essential for the development of infrastructure in Balochistan, including building roads, bridges, and other critical infrastructure projects. Engineers and technologists with STEM backgrounds are needed to design, plan, and implement these projects effectively.

Natural Resource Management: Balochistan is rich in natural resources, including minerals, gas, and oil. Understanding STEM subjects is vital for the sustainable management of these resources, ensuring they are utilized efficiently and benefit the local communities.

Healthcare and Biotechnology: STEM education is critical for improving healthcare services in Balochistan. It can lead to the development of new medical treatments, disease prevention strategies, and advancements in biotechnology that can benefit the region's population.

Environmental Conservation: Balochistan's unique environment needs to be protected and managed sustainably. STEM subjects are crucial for understanding environmental issues, developing solutions to mitigate climate change, and preserving biodiversity.

Education and Research: STEM education can improve the quality of education in Balochistan by promoting critical thinking, problem-solving, and innovation among students. It can also lead to the establishment of research institutions that can address local challenges and contribute to global knowledge.

Overall, investing in STEM education in Balochistan is essential for the region's development. It can empower individuals, create opportunities for economic growth, and contribute to the overall well-being of the population. Based on the above rational 70% slots under this program are reserved for STEM Subjects and 30% for the most essential social sciences subject.

2. Program Overview:

Balochistan Education Endowment Fund (BEEF), established by the Government of Balochistan for the very same mandate (as thoroughly briefed in the introduction) for creation of a talented pool of youth of Balochistan including the less privileged section of society; contributing towards economic and social development to realize the dream of a moderate, progressive and prosperous Pakistan by providing Need & Merit based Scholarships to talented and needy students for pursuing quality. The mission of BEEF is to build a Critical mass of human capital participating in nation building; through provision of equitable opportunities to academically brilliant boys and girls of Balochistan Province.

Since establishment, BEEF has been awarding Inland Scholarship Stipend at a set rate on the pattern of PEEF (Punjab Educational Endowment Fund) which may or may not be adequate in fulfilling all the financial needs of a student. However, for attainment of the mandate of BEEF and the required result of uplifting the socio-economic condition as well as education of the province, more focus is needed on substantial qualitative foreign scholarships for development of qualified pool of human resource who will partake their responsibility in the development of the province and the country.

BEEF is a specialized Public Sector body dealing with scholarships and financial aid to enhance the educational situation of the Province. BEEF has the requisite and required technicality, expertise, faculty and facility to undertake this program and produce the desired results.

The Beneficiaries of this Program will proceed to gain International Degrees in Science, Technology, Engineering and Mathematics, Social Sciences and Humanities/ Arts from Best Foreign Universities and be a part of the highly specialized pool of Human Capital created through this program, fully capable to optimally utilize the knowledge gained in an efficient manner for the prosperous interests of the Province

3. Program deliverables, quantifiable objectives and output:

The program intends to provide a professional development opportunity to the Bright and Needy Students of Balochistan who have completed MS/MPhil and ready to undertake PhD level STEM studies, Social Sciences or Humanities/Art in top ranking foreign universities for the objective of “Creation of a critical mass of highly qualified professionals in the fields relevant to the development of the province”

Quantifiable objectives and output of the program is forecasted to be annual **10** students of Balochistan who will have passed their PhD degrees in the relevant fields important for the development of Balochistan

4. Direct and Indirect Beneficiaries:

Direct Beneficiaries of the Program would be the scholars who will have benefitted from this Program to enhance their Professional Qualification.

The Indirect Beneficiaries are of more importance and will comprise of:

- I. The Citizens of the Province and the Country who will immeasurably benefit from the services of these Highly Specialized Professionals.
- II. The Peers and Sub-Ordinates of the scholars who will also benefit from their knowledge and will improve their own working, skills and services.

5. Program Execution / Implementation committees.

5.1 Internal Scrutiny Committee

The Internal Scrutiny Committee is established to oversee the review and selection process for PhD scholarship applications. The CEO will identify and appoint qualified individuals from within the organization to form the Internal Scrutiny Committee. This will include members with diverse expertise in relevant fields.

The internal Scrutiny Committee shall comprise of the following members:

- I. Chairman, COO BEEF
- II. Member, Manager Program, BEEF
- III. Member, Manager Ph.D Program, BEEF.
- IV. Member, Manager M&E BEEF.
- V. CFO BEEF

Responsibilities:

- **Review Applications:** Scrutinize all PhD scholarship applications to ensure they meet the eligibility criteria and possess the required academic and research qualifications as per policy.
- **Evaluation & Shortlisting:** Assess the applications based on predefined criteria, including academic excellence, Aptitude test, research proposal quality, potential for contribution to the field, and alignment with BEEF's mission. Create a shortlist of candidates who meet the highest standards.
- **Interviews:** Conduct and arrange the interviews of shortlisted candidates to further evaluate their suitability and commitment.
- **Recommendations:** Provide recommendations to the BEEF executive board for final approval of scholarship awards.
- **Feedback & Compliance:** Offer constructive feedback to unsuccessful candidates. Ensure that the selection process complies with BEEF's policies and any relevant legal or ethical guidelines.

5.2 Program Selection Committee:

The Program/Scholarship Committee for Ph.D Program shall comprise of the following members:

- I. Chairman ISRC Committee - PSC
 - II. Member, Representative of Colleges Dept (GoB)
 - III. Member ,Representative of Higher Education Commission
 - IV. Member , Director ORIC/ProVC University of Balochistan (UoB)
 - V. Member , Director ORIC/ProVC BUIITEMS Quetta.
- I. Member, CEO, BEEF
 - II. Secretary , Ph.D Program Manager at BEEF

5.3 BEEF Board of Directors:

After reviewing the recommendations, the BoD makes the final decision on who receives scholarships in each category. The decision could be based on factors like the program selection committee's recommendations, BoD's additional criteria, and any discussions during their meeting.

6. Program Financial Management & Funding Source.

The Balochistan Education Endowment Fund (BEEF) Endowment Fund will provide the necessary financial resources to support the PhD Scholarship Program. BEEF endowment fund is dedicated to promoting education and academic excellence among students from Balochistan, ensuring that deserving candidates have access to quality education and research opportunities.

The Balochistan Education Endowment Fund (BEEF) will oversee the disbursement of funds, ensuring that all financial transactions are conducted transparently and in accordance with the foundation's financial policies and regulations.

Costing (Fully funded Studies for pursuance of PhD Abroad. Maximum funding upto Three Years.):

Cost Breakdown for Ph.D Program						
S.#	Particular	Type of Cost	Per Month (USD)	Annual Cost (USD)	Total (USD)- 3 Year	Remarks
1.	Tuition Fee	<u>Variable</u>	N/A	\$30,000/- Maximum.	\$90,000/-	Three Years Tuition Fee
2.	Living Allowance	<u>Variable</u>	\$2,000/-	\$24,000/- Variable	\$72,000/-	For three years. \$ 2000/- Per month (<u>Health insurance Include</u>)
3.	Air Ticket round trip via most direct route	<u>Variable</u>	N/A	N/A	\$750	One Return Ticket and Visa Cost As per Actual
4.	Visa Processing Fee	<u>Variable</u>	One Time	N/A	\$250/-	
Expense Single Scholar				\$54,000/- Maximun	\$ 163,000/-	45,248,311.00 PKR (Forty-five million, two hundred forty-eight thousand)
Total Expense: 10 Scholar				\$540,000/- Maximun	\$ 1630,000/-	45,248,3110.00 PKR (Four hundred fifty-two million, four hundred eighty-three thousand, one hundred ten)

Note: Tuition will be paid as per the university's requirements, with a maximum of \$30,000 per year covered for tuition fees. If the tuition fees exceed this limit, the student will be responsible for paying the additional amount.

Note: The Variable Costs are approximated/averaged and may vary from case to case. The Number of Beneficiaries may increase from savings of other unit's variable costs.

7. Scholarship Stipend Rates

BEEF Approved rates of Stipend Rate:

HEC approved rates of Stipend for different Countries/Universities for scholars selected under the Overseas Phase-III; Stipend Rate will be update time to time as per the HEC defined rates standard or Program Committee directions.

S.No	Countries/Regions	Stipend Rates
1	United Kingdom	GBP 1,015/month
2	Europe	Euro 1,000/ month approximately
3	USA	USD 1,600/month
4	Canada	USD 1,600/month
5	Australia	AUD 1,583/month
6	Malaysia	USD 900/month
7	China	USD 800/month
8	Hong Kong	USD 1,250/month
9	South Korea	USD 900/month
10	Turkey	USD 950/month approximately
11	New Zealand	USD 1,083/month approximately
12	Netherland	Euro 1,286/month
	Rest of the World	As per the define rate for the country or HEC Standard.

8. Eligibility Criteria:

1. Maximum age of 40 (Forty) years as at the closing date of the advertisement.
2. Resident of Balochistan having local and domicile of the Province with permanent and present address of Balochistan in CNIC. Residence certificate from district administration is also required.
3. Not less than 60% marks throughout the academic career (Only one second division allowed in career other than MS/MPhil).
4. Permanent/regular faculty members of the public sector teaching/ educational institutions and public service of Pakistan are not eligible.

5. Must have an un-conditional/ valid offer letter of PhD from any of the top 100 QS ranking universities of the world in the academic session (2025). It is the responsibility of the applicant to meet the admission criteria(s) of the University including the Language Proficiency Test and Visa Process.
6. Must not have availed any foreign PhD scholarship in the past for any National/ Provincial or Donor Program.
7. BEEF will conduct the aptitude test for the selection of the scholars.
8. Provide references from at least two individuals.
9. Applicants must not have any criminal record to be eligible for this program.

NOTE:

Students from Balochistan who secure Ph.D. admissions in tuition-free universities within the QS Top 200 will be encouraged and supported. Scholarships will be provided based on a rigorous selection and merit-based criteria to ensure that deserving candidates receive the necessary financial assistance.

10. Eligible Countries and Universities:

- I. The Beneficiary will be allowed to take admission in any University falling in Top 100 QS Ranking Universities of the World.
- II. Scholars who decline or are unable to accept or unable to avail their scholarship award will not be automatically considered for the next scholarship intake. They may, however, reapply as new applicants through the standard application process.
- III. To ensure responsible use of scholarship funds, recipients who cannot complete their degree program may need to return all the funds with rates then applicable.

11. Selection weight-age Index

IV. Decisions will be made based on weighted scoring system given below

MS/MPhil Score	Aptitude Test Score	Interview Score	QS Ranking Score
20%	40%	20%	20%

1) MS/MPhil Score (20%)

a. This score reflects the academic performance and research potential demonstrated during the candidate's Master's or MPhil program.

b. It can be calculated based on the GPA or percentage marks obtained by the candidate.

c. For example, if the GPA is out of 4, it can be converted to a percentage by multiplying by 25.

2) Aptitude Test Score (40%)

a. This score is derived from the candidate's performance in a standardized aptitude test designed to measure skills relevant to the PhD program.

b. The test might include sections on quantitative reasoning, analytical writing, and subject-specific knowledge.

c. The test score should be normalized to a scale of 100 and passing will be 50%.

d. Passing of Aptitude test will mandatory.

3) Interview Score (20%)

a. The interview score evaluates the candidate's suitability for the PhD program based on their research interests, communication skills, and overall fit with the program.

b. A panel of interviewers or the program selection committee will score the candidate, typically on a scale of 0 to 100.

4) QS Ranking Score (20%)

a. This score is based on the QS World University Rankings of the candidate's previous institution.

b. The ranking can be converted into a score out of 100, where higher-ranked institutions receive higher scores.

c. For example, universities ranked in the top 10 might receive a score close to 100, while lower-ranked institutions receive proportionally lower scores.

12. Duration of Scholarship:

The Scholarships are provided for the complete duration (3-5 years) of Ph.D level program, subject to the maintenance of satisfactory academic performance. The performance reports will be submitted through the concerned universities/supervisors. Ph.D. programs typically have a set timeline for completion, but extensions are possible if applicant have a valid reason(Research Delays & Personal Issues). The Program Committee will decide whether to sponsor the extended time after evaluation.

13. Scholarship Coverage:

Scholarships awarded under **CMSP** are fully funded and will cover the following costs:

I. Tuition Fees

II. Boarding & Lodging Allowance (Boarding & Lodging amount will be paid on bi-annual basis The amount of Boarding & Lodging will be transferred directly in to the bank accounts of the Applicant)

III. Health Insurance

IV. Air Fare (Air Ticket (Economy Class) Charges would be reimbursed upon production of Ticket, Voucher and Boarding Passes. Two Way Economy class air fare is admissible in complete degree course.)

V. Application and Visa Fee (Application and Visa Processing Fee would be reimbursed to the Beneficiary in the same manner as above.

Note:

1. The Tuition Fee would be transferred to the Beneficiary's Checking Account after conversion to Pakistani Rupees at prevailing rates on the production of Original (or Certified Copy) Fee Voucher. The Beneficiary shall submit the Fee on his own and shall provide the Receipt of the same obtained from University.
2. Monthly Living Allowance in Pak Rupees (Converted and Fixed; see the Costings) would be disbursed to Beneficiary on Quarterly Basis in the Checking Account of the Beneficiary. Most Debit cards issued by Banks operating in Pakistan can be used at VISA/Master Card powered ATMs around the globe with minimal charges or the Beneficiary may avail Western Union facility at their own effort.
3. Application and Visa Processing Fee would be reimbursed to the Beneficiary in the same manner as above.
4. Air Ticket (Economy Class) Charges would be reimbursed upon production of Ticket, Voucher and Boarding Passes.
5. If, in the meanwhile, BEEF develops capacity and expertise, the Tuition Fee in Foreign Currency would be paid directly to the concerned University upon

production of Original (or Certified Copy) Fee Voucher. For this purpose, an NoC/Approval from State Bank of Pakistan would be obtained via Finance Department, GoB to allow a threshold of Foreign Exchange/Outward Remittance Transactions.

14. Scholarship Award Process

1. Advertisement of Scholarship:

Advertisement of the **CMSPP** will be published in the national dailies (Urdu & English). The advertisement will contains all major details of the program, subject areas, eligibility criteria etc. The same advertisement will also be uploaded on the BEEF website.

2. MSPP Application Form:

Application from the eligible candidates will be invited on the prescribed **CMSPP** Application Form. The applicants after getting admission will fill in the application form and return to BEEF within due date for further processing.

3. Required documents to be Submitted with the Application Form:

Following documents are required to be submitted along with the application form:

1. Attested copy of applicant CNIC.
2. Attested copies of all educational testimonials.
3. CV/Resume.
4. Copy of Un-conditional / Valid admission offer for Ph.D level studies
5. Attested copy of Local / Domicile.
6. Applicant three passport size photographs (blue back ground).
7. Synopsis / Research Proposal
8. Statement of Purpose (One page)
9. Any other supporting document required to substantiate the facts given in the application form.

10. Police Character Certificate (PCC). (It is issued by the District Police Authority (DPA) where you have resided in Balochistan.

11. Resident Certificate from the concern district administration.

4. Shortlisting as per criteria by internal scrutiny committee.

A comprehensive weight-age Index has been developed for shortlisting of the students giving weight-age to academic achievements, aptitude test and ranking of the current university as per QS ranking.

5. Interviews of shortlisted candidates:

List of shortlisted candidates will be shared with the Program /selection committee and shortlisted candidates will be called for interview as per the schedule approved by the Selection Committee.

6. Final Selection by BEEF BoDs:

The students will be finalized as per the recommendation of the program selection committee after conducting interviews.

7. Issuance of Sponsorship letters to selected students:

Sponsorship letter will be issued to the selected students explaining the duration of scholarship, university and degree course information, tuition fee coverage, monthly boarding and lodging stipend and air fare details.

8. Signing of Agreement with the selected students:

An agreement with selected students will be signed to ensure that students must follow the rules and regulations of the scheme and shall come back to serve Balochsitan as per surety bond conditions.

9. Outcome of applications:

All the successful applicants will be informed through official letter regarding the outcome of their applications. The successful applicants will be required to accept the scholarship award offers.

10. Visa:

It will be the responsibility of the scholarship award holder to apply and fulfill the requirements for issuance of an entry visa of the host country. The offer of award of scholarship is conditional with the issuance of a valid visa. Any cost associated while processing of the visa is the sole responsibility of the applicant.

Note: If the applicant is unable to secure visa due to embassy issue, security issues or due to admission problems by university etc.his/her scholarship will be canceled.

11. Record Keeping:

All the **CMSP** relevant records will be kept in BEEF office.

15. Program Execution:

The Balochistan Education Endowment Fund (BEEF) will be the executing agency for this critical program, equipped with the requisite technical expertise, faculty, and facilities. The execution will have the following phases:

1. Call of Application and Scholar Selection
2. Disbursements
3. Monitoring

BEEF shall ensure the effective implementation and management of the initiative, promoting higher education and research opportunities for students from Balochistan, and fostering academic excellence and professional growth.

A) Call of Applications and Scholar Selection:

- Application would be Invited through publication of advertisement in leading newspapers.
- Eligible applicants would be short listed and called for aptitude test.
- Scholars would be selected from amongst the eligible applicants through a quantitative selection criteria involving interview etc which would be devised later on with the approval of the Board.

Note: Timeline

- I. Advertisement (December Each year)
- II. Form Submission (Till 30th April)
- III. Internal Scrutiny/Selection committee proceeding (Till 2nd May)
- IV. Final Selection by Board(30th May to 30 June)
- V. Departure (August - Sept of Each Year)

B) Disbursements:

Sr. No.	Activity	Plan of Disbursement
1	Payment of tuition fees	<p>Payments of tuition fee will be made directly to the universities/institutions where the students are currently enrolled. The tuition fee payment will be made semester wise / annually (as per scheduled by the university).</p> <p>OR</p> <p>The Tuition Fee would be transferred to the Beneficiary's Checking Account after conversion to Pakistani Rupees at prevailing rates on the production of Original (or Certified Copy) Fee Voucher. The Beneficiary shall submit the Fee on his own and shall provide the Receipt of the same obtained from University.</p> <p>(An NoC/Approval from State Bank of Pakistan would be obtained via Finance Department, GoB to allow a threshold of Foreign Exchange/Outward Remittance Transactions.)</p>
2	Boarding & Lodging	<p>Boarding & Lodging amount will be paid on bi-annual basis The amount of Boarding & Lodging will be transferred directly in to the bank accounts of the Applicant</p> <p>First bi-annual installment may be paid in advance before departure of the students in order to meet initial expenditure for boarding &</p> <p>lodging Next installments will be paid to the student after joining respective university</p>
3	Health Insurance	Health insurance will be reimbursed to the students on actual basis up to maximum limit of Rs. 300,000/

4	Air Tickets	Two Way Economy class air fare is admissible in complete degree course. Air Ticket (Economy Class) Charges would be reimbursed upon production of Ticket, Voucher and Boarding Passes.
5	Application and Visa Processing	Application and Visa Processing Fee would be reimbursed to the Beneficiary.

C) Monitoring of the Scholarship Holders:

CMSPP program will require all scholars to submit the six monthly/semester/year wise progress reports on his/her assigned program. If the student fails to pass the degree course for which he / she was awarded scholarship, the case will be presented to the Scholarship Committee which will look into the matter and the decision will be communicated to the scholarship holder. The decision of the committee shall be final and cannot be challenged in any court of law.

16. Human and Other Resources for Program Execution:

Existing staff and facilities/overheads of BEEF (telephone, vehicles, utility and other heads) will be utilized to the fullest however, minimal hiring on contract basis will be carried out for dedicated staff of this program having relevant experience and expertise.

- 1: Program Manager (**CMSPP**)
- 2: Assistant Manager
- 2: Executive
- 3: Associate
- 4: Junior Associate

17. Subjects and Fields of Study:

Ph.D. (STEM) program covering all disciplines crucial for scientific and technological development. Our comprehensive scholarship program encompasses Science (biology, chemistry, physics), Technology (computer science, engineering), Engineering (mechanical, civil, electrical), Mathematics (pure and applied mathematics, statistics, data science), Social Sciences and Humanities/ Arts. Applicants have the flexibility to pursue any major or minor area within STEM Subjects, Social Sciences or Humanities/ Arts , tailored to their specific interests and career aspirations. In Balochistan, where natural resources and sustainable development are paramount, fields such as Geology, Agriculture, and Environmental Science play a pivotal role. Our program encourages interdisciplinary research and collaboration, providing a platform for scholars to address local challenges while contributing to global scientific knowledge and innovation in STEM & Social Sciences & Humanities/ Arts subjects.

Following Subjects/Fields of Study would be eligible under this Program:

I. STEM Subjects:

SNo.	STEM Subject
1	Artificial Intelligence
2	Aeronautical/Aerospace Engineering Technology/Technician
3	Aeronautics/Aviation/Aerospace Science and Technology, General
4	Aerospace Ground Equipment Technology
5	Agricultural and Horticultural Plant Breeding
6	Agricultural Animal Breeding
7	Agroecology and Sustainable Agriculture
8	Agronomy and Crop Science
9	Air and Space Operational Art and Science
10	Air and Space Operations Technology
11	Air Science/Airpower Studies
12	Aircraft Armament Systems Technology
13	Animal Health
14	Animal Nutrition
15	Animation, Interactive Technology, Video Graphics and Special Effects

16	Archeology
17	Architectural and Building Sciences/Technology
18	Architectural Drafting and Architectural CAD/CADD
19	Architectural Engineering Technology/Technician
20	Actuarial Science
21	Automation Engineer Technology/Technician
22	Automotive Engineering Technology/Technician
23	Behavioral Sciences
24	Biological and Physical Sciences
25	Biological and Biomedical Sciences
26	Biology Technician/Biotechnology Laboratory Technician
27	Biomedical Technology/Technician
28	Biopsychology
29	Business Statistics
30	CAD/CADD Drafting and/or Design Technology/Technician
31	Chemical Engineering Technology/Technician
32	Chemical Process Technology
33	Chemical Technology/Technician
34	Civil Drafting and Civil Engineering CAD/CADD
35	Civil Engineering Technology/Technician
36	Clinical and Industrial Drug Development
37	Clinical Laboratory Science/Medical Technology/Technologist
38	Cognitive Psycholinguistics
39	Cognitive Science
40	Combat Systems Engineering
41	Command & Control (C3, C4) Systems and Operations
42	Cognitive Psychology
43	Computational Science
44	Computer and Information Sciences, General
45	Computer and Information Sciences, Other
46	Computer and Information Systems Security/Information Assurance

47	Computer Engineering Technologies/Technicians, Other
48	Computer Engineering Technology/Technician
49	Computer Graphics
50	Computer Hardware Technology/Technician
51	Computer Programming, Other
52	Computer Programming, Specific Applications
53	Computer Programming, Vendor/Product Certification
54	Computer Programming/Programmer, General
55	Computer Science
56	Computer Software and Media Applications, Other
57	Computer Software Technology/Technician
58	Computer Support Specialist
59	Computer Systems Analysis/Analyst
60	Computer Systems Networking and Telecommunications
61	Computer Technology/Computer Systems Technology
62	Computer/Information Technology Services Administration and Management, Other
63	Construction Engineering Technology/Technician
64	Cyber/Computer Forensics and Counterterrorism
65	Cyber/Electronic Operations and Warfare
66	Cytotechnology/Cytotechnologist
67	Dairy Science
68	Data Modeling/Warehousing and Database Administration
69	Data Processing and Data Processing Technology/Technician
70	Developmental and Child Psychology
71	Digital Communication and Media/Multimedia
72	Directed Energy Systems
73	Drafting and Design Technology/Technician, General
74	Drafting/Design Engineering Technologies/Technicians, Other
75	Econometrics and Quantitative Economics
76	Educational Evaluation and Research

77	Educational Statistics and Research Methods
78	Educational/Instructional Technology
79	Electrical and Electronic Engineering Technologies/Technicians, Other
80	Electrical, Electronic and Communications Engineering Technology/Technician
81	Electrical/Electronics Drafting and Electrical/Electronics CAD/CADD
82	Electromechanical and Instrumentation and Maintenance Technologies/Technicians, Other
83	Electromechanical Technology/Electromechanical Engineering Technology
84	Energy Management and Systems Technology/Technician
85	Engineering
86	Engineering Acoustics
87	Engineering Design
88	Engineering Technologies and Engineering-Related Fields, Other
89	Engineering Technology, General
90	Engineering/Industrial Management
91	Engineering-Related Fields, Other
92	Engineering-Related Technologies, Other
93	Environmental Control Technologies/Technicians, Other
94	Environmental Engineering Technology/Environmental Technology
95	Environmental Health
96	Environmental Science
97	Environmental Studies
98	Experimental Psychology
99	Explosive Ordinance/Bomb Disposal
100	Food Science
101	Food Science and Technology, Other
102	Food Technology and Processing
103	Forensic Science and Technology
104	Forest Sciences and Biology
105	Geographic Information Science and Cartography
106	Hazardous Materials Information Systems Technology/Technician

107	Hazardous Materials Management and Waste Technology/Technician
108	Health/Medical Physics
109	Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/Technician
110	Horticultural Science
111	Human Biology
112	Human Computer Interaction
113	Hydraulics and Fluid Power Technology/Technician
114	Industrial and Physical Pharmacy and Cosmetic Sciences
115	Industrial Production Technologies/Technicians, Other
116	Industrial Radiologic Technology/Technician
117	Industrial Safety Technology/Technician
118	Industrial Technology/Technician
119	Informatics
120	Information Operations/Joint Information Operations
121	Information Science/Studies
122	Information Technology
123	Information Technology Project Management
124	Information/Psychological Warfare and Military Media Relations
125	Instrumentation Technology/Technician
126	Integrated Circuit Design
127	Intelligence, Command Control and Information Operations, Other
128	Intelligence, General
129	Joint Command/Task Force (C3, C4I) Systems
130	Laser and Optical Technology/Technician
131	Livestock Management
132	Low-Observables and Stealth Technology
133	Management Science
134	Management Science and Quantitative Methods, Other
135	Manufacturing Engineering Technology/Technician
136	Marine Sciences

137	Mathematics and Computer Science
138	Mathematics and Statistics
139	Mechanical Drafting and Mechanical Drafting CAD/CADD
140	Mechanical Engineering Related Technologies/Technicians, Other
141	Mechanical Engineering/Mechanical Technology/Technician
142	Medical Informatics
143	Medical Scientist
144	Medicinal and Pharmaceutical Chemistry
145	Metallurgical Technology/Technician
146	Military Applied Sciences, Other
147	Military Information Systems Technology
148	Military Systems and Maintenance Technology, Other
149	Military Technologies and Applied Sciences, Other
150	Mining and Petroleum Technologies/Technicians, Other
151	Mining Technology/Technician
152	Missile and Space Systems Technology
153	Modeling, Virtual Environments and Simulation
154	Munitions Systems/Ordinance Technology
155	Nanotechnology
156	Natural Products Chemistry and Pharmacognosy
157	Natural Resources Conservation and Research, Other
158	Natural Resources/Conservation, General
159	Natural Sciences
160	Naval Science and Operational Studies
161	Network and System Administration/Administrator
162	Nuclear and Industrial Radiologic Technologies/Technicians, Other
163	Nuclear Engineering Technology/Technician
164	Nuclear/Nuclear Power Technology/Technician
165	Nutrition Sciences
166	Occupational Safety and Health Technology/Technician
167	Operational Oceanography

168	Packaging Science
169	Personality Psychology
170	Petroleum Technology/Technician
171	Pharmaceutical Sciences
172	Pharmaceutics and Drug Design
173	Pharmacoeconomics/Pharmaceutical Economics
174	Physical Science Technologies/Technicians, Other
175	Physical Sciences
176	Physiological Psychology/Psychobiology
177	Plant Protection and Integrated Pest Management
178	Plant Sciences, General
179	Plant Sciences, Other
180	Plastics and Polymer Engineering Technology/Technician
181	Poultry Science
182	Psychometrics and Quantitative Psychology
183	Psychopharmacology
184	Quality Control and Safety Technologies/Technicians, Other
185	Quality Control Technology/Technician
186	Radar Communications and Systems Technology
187	Range Science and Management
188	Research and Experimental Psychology, Other
189	Robotics Technology/Technician
190	Science Technologies/Technicians, General
191	Science Technologies/Technicians, Other
192	Semiconductor Manufacturing Technology
193	Signal/Geospatial Intelligence
194	Social Psychology
195	Soil Chemistry and Physics
196	Soil Microbiology
197	Soil Science and Agronomy, General
198	Soil Sciences, Other

199	Solar Energy Technology/Technician
200	Space Systems Operations
201	Strategic Intelligence
202	Surveying Technology/Surveying
203	Sustainability Studies
204	System, Networking, and LAN/WAN Management/Manager
205	Systems Science and Theory
206	Telecommunications Technology/Technician
207	Undersea Warfare
208	Urban Forestry
209	Veterinary Anatomy
210	Veterinary Infectious Diseases
211	Veterinary Microbiology and Immunobiology
212	Veterinary Pathology and Pathobiology
213	Veterinary Physiology
214	Veterinary Preventive Medicine, Epidemiology, and Public Health
215	Veterinary Toxicology and Pharmacology
216	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician
217	Water, Wetlands, and Marine Resources Management
218	Web Page, Digital/Multimedia and Information Resources Design
219	Web/Multimedia Management and Webmaster
220	Welding Engineering Technology/Technician
221	Wildlife, Fish and Wildlands Science and Management
222	Wood Science and Wood Products/Pulp and Paper Technology
Note: Any other STEM Subject Not Mentioned above.	

I. Social Sciences & Humanities/ Arts

S.No	Subjects
1	Economics & Econometrics
1.1	Environmental Economics

1.2	Waters Economics
1.3	Energy Economics
1.4	Economics of Health
1.5	Economics of Education
1.6	Urban Economics
1.8	Public Finance /Public Policy
2	• Law
2.1	Cyber Laws
2.3	Forensic Laws
2.3	International Commercial Law.
2.4	Maritime Law
2.5	Legislative Drafting
3	• Political & International Studies
3.1	China Studies
4	• Sociology
4.1	Demography
5	• Statistics
5.1	Sampling Statistics
6	• Arts & Design
7	• Communication & Media Studies
7.1	Electronic Media
7.2	Social Media
7.3	Film Making
8	• Defense & Strategic Studies