

## **Introduction:**

The Department of Geography is offering undergraduate and graduate level courses in the discipline of geography. This discipline has been opened to meet the old demands of the people of Upper Sindh especially Sukkur & Larkana Divisions. The classes of BS (Four Year) Program have commenced from the Academic year 2005-06. Department of Geography creates the broad vision and cognitive ability of students to understand Natural disasters, Global warming, melting of glaciers, weather forecasting and tracker system through Geographic information system (GIS). Urban and regional planning, remote sensing, global positioning system, world as a global village environmental pollution and all technical skills concerned to the field of geography.

The Department of Geography offers Bachelor & Master's level courses in the discipline of Geography. The discipline has been opened to meet the long-standing demands of the people of upper Sindh. The classes of the B.S (4-year) Program started from the academic year 2005-06. Department of Geography announced the admissions in MS/M. Phil in Geography started in the academic year 2020.

Geographers are study material and symbolic transformation of the earth in relationship to both human and natural processes. In keeping with contemporary global shifts in culture, the environment, politics and economics, the boundaries of the geographic discipline are dynamic. For example, environmental change, international development, globalization, and new spatial technologies exemplify important arena of study in geography. Theories of space, scale, location, place, region, mobility and displacement allow geographers to critically analyze change in both human and physical environments.

Geography, in both as natural science and as social science, examines people and their environment and serves as a bridge between the physical and cultural worlds. Human geography (a social science) is concerned especially with the political, economic, social, and cultural processes and resource practices that give definition to particular places and that are affected by them. Physical geography (a natural science) focuses on the earth systems that create the natural environment, such as weather, soils, biogeography and earth sculpting processes. Courses offered by the department address a range of these key issues.

## **Criterion 1: Program Mission, Objective and Outcomes.**

**Standards 1.1:** The program must have documented measurable Objectives that support Faculty / Institution Mission Statements.

- ✓ To achieve and attain Quality Standards and become a Model of QEC by providing an outstanding educational environment
- ✓ Taking measures for capacity building of faculty and supporting staff.
- ✓ Establishing a system to enhance research objectively developed, avoid those policies which encourage malicious activities.

**Mission Statement:**

- ✓ The mission of geography is to equip the youth with the description, analysis and explanation of the variable characters of the earth surface.
- ✓ To enable them to compete at the national and international levels
- ✓ To achieve excellence in the quality research and teaching, and develop highest learning center in testing of theories that can explain and predict the location, distribution and inter relationship of the world, human and environmental systems.

**Program Mission:**

To produce erudite Geographers in the field of Geography, who can render their services with a sense of dedication, motivation and hard work for strengthening the quality culture of life sciences in the country.

**Program Objectives:**

1. To develop an appreciation and understanding of the spatial patterns of Physical and Human features in the environment.
2. To promote a global perspective and international understanding through

**Table 1.** Shows how Objectives are measured and Improvements have been identified.

<b>Program Objectives Assessment.</b>			
<b>Objectives</b>	<b>How Measured</b>	<b>When Measured</b>	<b>Improvement Identified</b>
To develop an appreciation and understanding of the spatial patterns of Physical and Human features in the environment.	During jobs in the fields of in educational, research and other related institutions.	At the end of every academic year.	A well equipped master class room needed to be equipped with multi-media & computer with GIS facility.
To promote a global perspective and international understanding through geographical education for the young generation.	During the class tests, conferences, and symposiums.	In the group discussions at various walks of the life.	Although GIS & RS are collaborative units and well equipped with research facilities, there is great need to improve lab: facilities in the department.
To enhance ability for use of geographical processes and concepts, oral, written, numerical and visual presentation skills of the students.	Through assessing students during research oriented entry tests, interviews TV talks and at various government & non-government organizations.	At the start of each academic year for admission in Masters.	Need to train the students and lab technicians to operate equipments, observe precautionary measures during experimentation.
To develop students' abilities in field-based investigations of geographical phenomena in order to execute enthusiastically in education and research.	A number of the graduates of the department qualify competitive exams for various posts especially in education. b) A number of publications in journals of higher repute coming out as a result of research carried out in the department.	After each selection board conducted by various provincial, national & private sectors.	To train students through local & through National levels at the related organizations of the country.

geographical education for the young generation.

3. To enhance ability for use of geographical processes and concepts, oral, written, numerical and visual presentation skills of the students.
4. To develop students' abilities in field-based investigations of geographical phenomena in order to execute enthusiastically in education and research.

☞ **Note: Improvement Made:** This will be informed after AT visits.

**Standard 1-2:** The program must have documented outcomes for graduating students. It must be demonstrated that the outcomes support the program objectives and that graduating students are capable of performing these outcomes.

**Table: 2.** The following Table shows how program outcomes support the Program Outcomes.

Program Objectives	Program Outcomes		
	1.	2.	3.
To develop an appreciation and understanding of the spatial patterns of Physical and Human features in the environment.	Skilled & qualified Geographers are to be produced.	The outgoing postgraduates are being largely absorbed particularly in teaching, and research organizations for the degrees of M. Phil & Ph.D.	Students develop ability to apply knowledge of various aspects of the subject.
To promote a global perspective and international understanding through geographical education for the young generation.	To inculcate the graduates with a sense of dedication, motivation and hard work so that they are able to maintain and uplift the standard of life sciences in the country	To make them self-reliant and self-motivated in pursuing cutting edge research.	Graduates develop ability to demonstrate progress in various fields.
To enhance ability for use of geographical processes and concepts, oral, written, numerical and visual presentation skills of the students.	The graduated students play significant role after joining faculty positions at colleges, universities and other research as well educational institutes.	Students buildup confidence and communicate effectively in writing and oral demonstration.	The students after graduation are employed in public and private-sector research and development, as researchers, as administrators in Provincial & Federal agencies.
To develop students' abilities in field-based investigations of geographical phenomena in order to execute enthusiastically in education and research.	Well trained man power is produced for the country.	New ideas, concepts and environmental predictions can be identified.	Providing more field of research for the generation to come.

**Survey of Graduating Students:**

<b><u>S. No.</u></b>	<b><u>Question</u></b>	<b><u>Percentage/Status</u></b>
1.	The work in the program is too heavy and induces a lot of pressure.	A. Very Satisfied 31% B. Satisfied 54% C. Uncertain 15% D. Dissatisfied 0% E. Very Dissatisfied 0%
2.	The Program is effective in enhancing team-working abilities.	A. Very Satisfied 08% B. Satisfied 62% C. Uncertain 31% D. Dissatisfied 0% E. Very Dissatisfied 0%
3.	The program is effective in developing analytical and problem solving skills.	A. Very Satisfied 46% B. Satisfied 38% C. Uncertain 15% D. Dissatisfied 0% E. Very Dissatisfied 0%
4.	The program is effective in developing written communication skills.	A. Very Satisfied 46% B. Satisfied 31% C. Uncertain 23% D. Dissatisfied 0% E. Very Dissatisfied 0%
5.	The program is effective in developing planning abilities.	A. Very Satisfied 15% B. Satisfied 77% C. Uncertain 0% D. Dissatisfied 0% E. Very Dissatisfied 08%
6.	The objectives of the program have been fully achieved	A. Very Satisfied 23% B. Satisfied 31% C. Uncertain 31% D. Dissatisfied 15% E. Very Dissatisfied 0%
7.	Faculty was able to meet the program objectives	A. Very Satisfied 23% B. Satisfied 38% C. Uncertain 23% D. Dissatisfied 08% E. Very Dissatisfied 0%
8.	Environment was conducive for learning	A. Very Satisfied 15% B. Satisfied 62% C. Uncertain 15% D. Dissatisfied 08% E. Very Dissatisfied 0%

9.	Whether the Infrastructure of the department was good.	A. Very Satisfied 31% B. Satisfied 38% C. Uncertain 15% D. Dissatisfied 08% E. Very Dissatisfied 0%
10.	Whether the program was comprised of Co-curricular and extra-curricular activities	A. Very Satisfied 0% B. Satisfied 54% C. Uncertain 38% D. Dissatisfied 08% E. Very Dissatisfied 0%
11.	Whether scholarships/ grants were available to students in case of hardship	A. Very Satisfied 31% B. Satisfied 15% C. Uncertain 38% D. Dissatisfied 0% E. Very Dissatisfied 15%
<b>The internship experience is effective in enhancing</b>		
A	Ability to work in teams	A. Very Satisfied 31% B. Satisfied 31% C. Uncertain 23% D. Dissatisfied 08% E. Very Dissatisfied 0%
B	Independent thinking	A. Very Satisfied 46% B. Satisfied 23% C. Uncertain 23% D. Dissatisfied 0% E. Very Dissatisfied 0%
C	Appreciation of ethical Values	A. Very Satisfied 08% B. Satisfied 46% C. Uncertain 38% D. Dissatisfied 0% E. Very Dissatisfied 0%
D	Professional development	A. Very Satisfied 15% B. Satisfied 54% C. Uncertain 08% D. Dissatisfied 0% E. Very Dissatisfied 15%
E	Time management skills	A. Very Satisfied 23% B. Satisfied 31% C. Uncertain 23% D. Dissatisfied 08% E. Very Dissatisfied 08%
F	Judgment	A. Very Satisfied 31% B. Satisfied 23% C. Uncertain 15%

		D. Dissatisfied 08%
		E. Very Dissatisfied 15%
<b>G</b>	Discipline	A. Very Satisfied 46%
		B. Satisfied 31%
		C. Uncertain 15%
		D. Dissatisfied 0%
		E. Very Dissatisfied 0%
<b>H</b>	The link between theory and practice	A. Very Satisfied 23%
		B. Satisfied 54%
		C. Uncertain 08%
		D. Dissatisfied 0%
		E. Very Dissatisfied 08%

### **Strengths**

- Overall, the program is very satisfactory.
- Developing independent and writing communication is average
- Objectives, in general are almost archived.

### **Weaknesses**

- Infrastructure of the department needs improvement.

### **Alumni Survey:**

The information by the graduated students has been collected who are working at different institutes/departments, regarding the quality of education they received and experienced in the university. The next will be conducted after 2 years.

### **General Assessment Alumni Survey:**

- Very weak in IT knowledge, collecting & analyzing appropriate data, report writing and presentation skills.

### **General Comments:**

Most of the students have reservations that their must be very comprehensive computer related and Teaching/ Research Methodology.

### **Assessment of Employer survey:**

The employer survey has been conducted. The same will be conducted after couple of years. The following overall outputs have been obtained by the employer regarding the performance of the graduates' educated form the university and working at their departments/institutes.

A: Excellent B: Very good C: Good D: Fair E: Poor

<b>Knowledge</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
1. Math, Science, Humanities and professional discipline, (if applicable)	14%	86%	0%	0%	0%
2. Problem formulation and solving skills.	14%	86%	0%	0%	0%
3. Collecting and analyzing appropriate data.	29%	29%	43%	0%	0%
4. Ability to link theory to Practice.	43%	57%	0%	0%	0%
5. Ability to design a system component or process.	14%	43%	29%	0%	0%
6. Computer knowledge	71%	29%	0%	0%	0%
<b>Communication Skills</b>					
1. Oral communication.	43%	43%	0%	0%	0%
2. Report writing.	29%	71%	0%	0%	0%
3. Presentation skills.	57%	29%	14%	0%	0%
<b>Interpersonal Skills</b>					
1. Ability to work in teams.	29%	71%	0%	0%	0%
2. Leadership.	43%	57%	0%	0%	0%
3. Independent thinking.	43%	43%	14%	0%	0%
4. Motivation.	71%	29%	0%	0%	0%
5. Reliability.	14%	86%	0%	0%	0%
6. Appreciation of ethical values.	14%	57%	29%	0%	0%
<b>Work Skills</b>					
1. Time management skills.	43%	57%	0%	0%	0%
2. Judgment.	29%	71%	0%	0%	0%
3. Discipline	100%	0%	0%	0%	0%

**Table: 6.** Weaknesses & Strengths of the program.

The overall program is satisfactory however; it has been observed that some of the knowledge skills are good only.

<b>Weaknesses</b>	<b>Strengths</b>	<b>General Comments</b>
Collecting and analyzing appropriate data (c) Ability to design a system component or process. (c)	Overall the program is satisfactory (B).	The students may be given computer skills, collecting data, analysis report preparation and presentation.

A: Excellent B: Very good C: Good D: Fair E: Poor

☞ 39% (A), 52% (B), and 07% (C) Percentage of the employers that is strongly satisfied with performance of the departments' graduates.

<b>Program Objectives</b>	<b>Program Outcomes</b>		
	<b>1</b>	<b>2</b>	<b>3</b>
To develop an appreciation and understanding of the spatial patterns of Physical and Human features in the environment.	XXXX	XXX	XXX
To promote a global perspective and international understanding through geographical education for the young generation.	XXXX	XXX	XXX
To enhance ability for use of geographical processes and concepts, oral, written, numerical and visual presentation skills of the students.	XXXX	XXX	XXX
To develop students' abilities in field-based investigations of geographical phenomena in order to execute enthusiastically in education and research.	XXXX	XXX	XXX
X	Relevant & satisfactory to some extent		
XX	Relevant & satisfactory		
XXX	Very relevant & satisfactory		
XXXX	Highly relevant & highly satisfactory		



**Standard 1-3.** The result of program's assessment and the extent to which they are used to improve the program must be documented.

**Major Future Improvement Plans:**

- ☞ To impart quality education in the department using audio visual aids and modern tools along with provision of latest literature, journals, books, reviews and access to internet.
- ☞ To upgrade Graduate & Post Graduate Laboratories of GIS/RS and Cartographic lab with the modern & sophisticated equipments.
- ☞ To emphasize problem oriented research work on specific areas related to Geography.
- ☞ Disaster Management subject will be introduced.

**Table: 4.** Shows Program Strengths & Weakness.

<b>Program Strengths and weaknesses.</b>				
<b>Program</b>	<b>Strengths</b>	<b>Weaknesses</b>	<b>Things to be developed</b>	<b>Activities taken for improvements</b>
BS.I-BS.IV M. Sc./M.A 2 Years	Very good teaching and research facilities in the areas of Geomorphology, Physical geography, Soil science, Cartography	Insufficient/outdated/out of order equipments & maps for conducting lab practical in the department. Lacking of Satellites images	1. Relevant books & Journal 2. Multimedia facility 3. Laboratory 4. IT training	

**Standard 1.4:** The department must assess its overall performance periodically using quantifiable measures.

**Table: 5.** Number of student enrolment during last three years and student faculty ratio:

Program	Year <b>2008/9</b>	Students/ Faculty Ratio	Year <b>2009/10</b>	Students/ Faculty Ratio	Year <b>2010/11</b>	Students/ Faculty Ratio
BS 4Yr	09	44.4	24	13	43	14
M. Sc./M.A	--	--	3	100	09	67

**Student Course Evaluation:**

**Program Assessment Analysis:**

The Student Course Evaluation Questionnaire filled by the students at the time of course completion. The following are overall views of the students. The data for the performance has been collected from more than 10 students selected randomly.

Student Course Evaluation Assessment:

A: Strongly Agree B: Agree C: Uncertain D: Disagree E: Strongly Disagree

**Strengths & Weaknesses:**Overall % of the Core Questions:

**1) Course Content and Organization:** 19% (A) 57%(B) 19%(C) 5%(D) 0%(E)

**2) Student Contribution:** 7 % ( A) 10 % ( B) 29 % ( C) 43 % ( D) 10% ( E)

**3) Learning Environment and Teaching Methods:** 20%(A) 41%(B) 23%(C) 9%(D) 5%(E)

**4) Learning Resources:** 16%(A) 45%(B) 34%(C) 2%(D) 2%(E)

**5) Quality of Delivery:** 31%(A) 43%(B) 21%(C) 2%(D) 2%(D)

**6) Assessment:** 24%(A) 43%(B) 26%(C) 5%(D) 2%(E)

**7) Additional Core Questions:** 43%(A) 39%(B) 14%(C) 0%(D) 2%(E)

**8) Instructor / Teaching Assistant Evaluation:** 25%(A) 29%(B) 32%(C) 14%(D) 0%(E)

**General comments by the students:**

The usage of visual demonstrations and multimedia can make the course interesting and effective. Multimedia should be used to deliver lectures.

**Table: 7. Number of publications, awards, workshops & seminars organized by the faculty:**

Publications (HEC recognized only)		Research Projects		Monograph	Awards	Scholars produced		Organized National & International Conferences
National	International	Completed	Ongoing			M. Phil	Ph.D.	
18	03	--	--	--	--	--	--	07

**Criterion 2:** The curriculum must be designed and organized to achieve the program's objectives and outcomes. Also course objectives must be in line with the program outcomes.

**Program: BS Degree: (4 Years; 08 Semesters).**

Semester	Course Number Geography Theory/ Practical	Category (Credit Hours)				
		1 Credit hr= 1 Class hour & 2-3 Laboratory Hours per week =1 Cr H <b>Ratio 2:1 (Theory: Practical) Total CrHs 18*8=144</b>				
		Math & Basic Science	Core Course	Humanities and Social Sciences	Technical	
<b>1<sup>st</sup></b>	304	STAT				
	--				Pak Studies	
	310/11		Physical Geography			
	316/17		Anthropology			
	313					
<b>2<sup>nd</sup></b>	305	STAT			English	
	--				Islamic Studies	
	312		Physical Geography			
	314/15		Anthropology			
	313			Ele:Map work		
<b>3<sup>rd</sup></b>	401	STAT			English	
	--				Civilization	
	410		Human Geography			
	--					
	411			Map Interpretation		
	412/13		Geology			
<b>4<sup>th</sup></b>	401				English	
	407				Environmental Geography	
	416\17		Geology			
	414/		Human Geography			
	415			Diagram & Distribution Maps		
	406					Statistics & Computer skill
<b>5<sup>th</sup></b>	500		Geomorphology			
	501			Elementary cartographic techniques		
	502		Climatology			

	503			Identification Rock & Mineral		
	504/505		oceanography	Introduction of weather Map		
	506/507		Economic Geography	Elementary Quantities Techniques		
<b>6<sup>th</sup></b>	508		Population Geography			
	509			Soil Analysis		
	510		Soil Geography			
	511			Distribution Maps		
	512/13		Settlement Geography	Instrument surveying		
	514/515		Regions & Regional Concepts	Advance Quantities Techniques		
<b>7<sup>th</sup></b>	600/601		Environmental Geography	Research Method		
	602/603		Regional geography of south Asia	Topographic Map & Arial photography		
	606/607		Urban geography	Remote sensing		
	604/605		Agricultural geography	Agricultural survey		
<b>8<sup>th</sup></b>	GEOG-508,			Geography of Soils ,		
	GEOG-509,			Soil Testing (pr.),		
	GEOG-510			Population Geography		
	GEOG-511,			Quantitative Techniques (pr.)		
	GEOG-512,			Agriculture Geography		
	GEOG-513,			Distribution Map (pr.),		
	GEOG-514,			Settlement Geography,		
	GEOG-515			Instrumental Surveying (pr.).		
Total:	114					
Minimum Requirement	76					

**Criterion 3: LABORATORIES AND COMPUTING FACILITIES**

**Standards: 3-1.** Laboratories and computing facilities must be adequately available and accessible to faculty members and students to support teaching and research activities.

**Laboratory Facilities/Provision:**

At present, there is no any laboratory established in the department.

**Criterion 4: STUDENT SUPPORT AND ADVISING:**

**Standard: 4:1.** Courses must be offered with sufficient frequency and number for students to complete the program in timely manner.

**Table: 9.** Shows classes/week of Major Courses offered in 4 –Year program.

<b>Major Courses offered: BS. 4 Year Program, M.Sc./M.A (Prev)</b>		
<b>Course offered/Year</b>	<b>Classes/week /CrHs</b>	<b>Practical/week/CrHs</b>
BS.I.1 <sup>st</sup> Semester	3	3
BS.I.2 <sup>nd</sup> Semester	3	3
BS. II. 1 <sup>st</sup> Semester	6	5
BS. II. 2 <sup>nd</sup> Semester	6	5
BS. III.1 <sup>st</sup> Semester	12	11
BS. III. 2 <sup>nd</sup> Semester	12	11
BS. IV. 1 <sup>st</sup> Semester	12	11
BS. IV. 2 <sup>nd</sup> Semester	12	11
M.Sc. (Prev) 1 <sup>st</sup> Semester	12	11
M.Sc. (Prv) 2 <sup>nd</sup> Semester	12	11
M.Sc. Final 1 <sup>st</sup> Semester	12	11
M.Sc. Final 2 <sup>nd</sup> Semester	12	11

☞ The above mentioned classes are strictly followed throughout the academic year. The core courses, optional can be easily completed under the favorable environment.

The compulsory courses managed by the Geography department, however, other compulsory disciplines and optional subjects are managed by the related departments. The details of the compulsory subjects other than the offered by the Geography department are following.

<b>4-Year BS: Program</b>					
<b>Subject:</b>	<b>Managed by:</b>	<b>Theory: CrHs/ Class.</b>		<b>Practical: CrHs/ Class.</b>	
English	English Dept.	BS.I	1 <sup>st</sup> Semester	BS.I	1 <sup>st</sup> Semester
			3		--
			2 <sup>nd</sup> Semester		2 <sup>nd</sup> Semester
			3		--
		BS.II	1 <sup>st</sup> Semester	BS.II	1 <sup>st</sup> Semester
			3		--
			2 <sup>nd</sup> Semester		2 <sup>nd</sup> Semester
			3		
Pak Studies	Pakistan Studies Dept.	BS.I	1 <sup>st</sup> Semester	BS.I	1 <sup>st</sup> Semester
			3		3
			2 <sup>nd</sup> Semester		2 <sup>nd</sup> Semester

			--		--
		BS.II	1 <sup>st</sup> Semester	BS.II	1 <sup>st</sup> Semester
			--		--
			2 <sup>nd</sup> Semester		2 <sup>nd</sup> Semester
			2		3
Civilization	Archaeology Dept:	BS.I	1 <sup>st</sup> Semester	BS.I	1 <sup>st</sup> Semester
			2 <sup>nd</sup> Semester		2 <sup>nd</sup> Semester
			--		--
		BS.II	1 <sup>st</sup> Semester	BS.II	1 <sup>st</sup> Semester
			4		--
			2 <sup>nd</sup> Semester		2 <sup>nd</sup> Semester
			--		--
Islamic Studies	Compulsory/Optional Dept.	BS.I	1 <sup>st</sup> Semester	BS.I	1 <sup>st</sup> Semester
			--		--
			2 <sup>nd</sup> Semester		2 <sup>nd</sup> Semester
			3		--
		BS.II	1 <sup>st</sup> Semester	BS.II	1 <sup>st</sup> Semester
			--		--
2 <sup>nd</sup> Semester	2 <sup>nd</sup> Semester				
			--		--
Statistics	Statistics Dept.	BS.I	1 <sup>st</sup> Semester	BS.I	1 <sup>st</sup> Semester
			3		--
			2 <sup>nd</sup> Semester		2 <sup>nd</sup> Semester
			--		--
		BS.II	1 <sup>st</sup> Semester	BS.II	1 <sup>st</sup> Semester
			--		--
2 <sup>nd</sup> Semester	2 <sup>nd</sup> Semester				
			--		--
Statistics & Computer Skill	Computer Science Dept.	BS.I	1 <sup>st</sup> Semester	BS.I	1 <sup>st</sup> Semester
			--		--
			2 <sup>nd</sup> Semester		2 <sup>nd</sup> Semester
			--		--
		BS.II	1 <sup>st</sup> Semester	BS.II	1 <sup>st</sup> Semester
			--		--
2 <sup>nd</sup> Semester	2 <sup>nd</sup> Semester				
			2		3

**Standard: 4:2.** Courses in the major are must be structured to ensure effective interaction between students and faculty and teaching and teaching assistance?

**Standard: 4:3.** Guidance on how to complete the program must be available to all students and access to academic advising must be available to make course decisions and career choices.

**Are students informed about program requirements?**

(1) No                    (2) To some extent                    (3) Fully ✓

**Does there student advising system exist and how effective it is?**

(1) No                    (2) To some extent ✓                    (3) completely

**Have students access to professional counseling?**

(1) No ✓                    (2) To some extent                    (3) Full

**Do the students have interact with practitioners and to have membership in technical & professional societies?**

(1) No                    (2) To some extent                    (3) Full ✓



**Criterion 5:** The processes by which major functions are delivered must be in place, controlled, periodically reviewed, evaluated and continuously improved. To meet this criterion a set of standards must be satisfied.

**Standard 5:1.** The process by which students are admitted to the program must be based on quantitative and qualitative criteria and clearly documented.

**Program/credit transfer: NA**

**Transfer of a student from outside the university: NA**

**Admission Criteria:** The admission policy is constituted by the “Admission Committee” consists of Deans, and senior faculty members of the university. The departments have no any role. The departments follow policy made by them which is also mentioned in “**Prospectus of the university**”. However, the admission criteria are evaluated but not regularly.

**Standard 5:2.** The process by which students are registered in the program and monitoring of students progress to ensure timely completion of the program must be documented this process must be periodically evaluated to ensure that it is meeting its objectives:

**How frequently admission criteria are evaluated?**

(1) None      (2) Not regularly      (3) Every Year ✓

**Are the evaluated results used to improve the results?**

(1) No      2) To some extent      (3) Yes ✓

**Is there any policy regarding program /credit transfer?**

(1) No ✓      (2) To some extent      (3) Well defined

**Is there any mechanism of student’s registration in the program?**

(1) No      (2) To some extent      (3) Well defined ✓

**How frequently process of registration is monitored?**

(1) None      2) within 1 year (3) After 1 year (4) When needed ✓

**Are the evaluation results used to improve the results?**

(1) No            2) To some extent            (3) Yes ✓

**Standard 5:3.** The process of recruiting and retaining highly qualified faculty members must be in place and clearly documented. Also processes and procedures for faculty evaluation, promotion must be consistent with institution mission statement. These processes must be periodically evaluated to ensure that it is meeting with its objectives.

☞ Shah Abdul Latif University strictly follows the policy of “Equal Opportunity” regardless religion, race, faith, cast & creed, gender regarding recruiting faculty including admissions, educational programs and employment.

☞ The University applies standard operating methodology for evaluation, such as Annual Confidential Report (ACR), required research papers, teaching experience and all other conditions as directed by the HEC. Thus

☞ This process ensures the objectives of the program mission.

**Standard 5:4:** The process and procedures used to ensure that teaching and delivery of course material to the students emphasizes active learning and that course learning outcomes are met. The process must be periodically evaluated to ensure that it is meeting its objectives.

### Weaknesses & Strengths

**Standard 5:5:** The process that ensures that graduates have completed the requirements of the program must be based on standards, effective and clearly documented procedures. This process must be periodically evaluated to ensure that it is meeting its objectives.

Degree	GPA/Class/GRE	Interview	
BS-4 Year/M.Sc./M.A	Pre-Admission Test (NTS) style	X	

### Assessment of Teacher Evaluation. (Filled by the student)

(A: Strongly Agree, B: Agree, C: Uncertain, D: Disagree, E: Strongly Disagree :)

#### Instructor:

1. The Instructor is prepared for each class 85%(A) 15%(B) 0%(C) 0%(D) 0%(E).
2. The Instructor demonstrates knowledge of the subject 31%(A) 69%(B) 0%(C) 0%(D) 0%(E).
3. The Instructor has completed the whole course 54%(A) 31%(B) 15%(C) 0%(D) 0%(E).

4. The Instructor provides additional material apart from the textbook 15%(A) 31%(B) 54%(C) 0%(D) 0%(E).
5. The Instructor gives citations regarding current situations with reference to Pakistani context. 31%(A) 46%(B) 23%(C) 0%(D) 0%(E).
6. The Instructor communicates the subject matter effectively 31%(A) 69%(B) 0%(C) 0%(D) 0%(E)
7. The Instructor shows respect towards students and encourages class participation 77%(A) 15%(B) 08%(C) 0%(D) 0%(E).
8. The Instructor maintains an environment that is conducive to learning 54%(A) 15%(B) 31%(C) 0%(D) 0%(E).
9. The Instructor leaves on time 31%(A) 23%(B) 31%(C) 0%(D) 0%(E).
10. The Instructor is fair in examination 38%(A) 54%(B) 08%(C) 0%(D) 0%(E).
11. The Instructor returns the graded scripts etc. in a reasonable amount of time. 38%(A) 38%(B) 15%(C) 08%(D) 0%(E).
12. The Instructor was available during the specified office hours and for after class consultations. 38%(A) 62%(B) 0%(C) 0%(D) 0%(E)

**Course:**

13. The Subject matter presented in the course has increased your knowledge of the subject. 54%(A) 31%(B) 15%(C) 0%(D) 0%(E)
14. The syllabus clearly states course objectives requirements, procedures and grading criteria. 15%(A) 62%(B) 15%(C) 08%(D) 0%(E)
15. The course integrates theoretical course concepts with real world applications. 31%(A) 62%(B) 08%(C) 0%(D) 0%(E)
16. The assignments and exams covered the materials presented in the course. 62%(A) 23%(B) 08%(C) 0%(D) 0%(E)

**Criterion: 6. Faculty.** Faculty members must be current and active in their discipline and have the necessary technical depth and breadth to support the program. There must be enough faculty members to provide continuity and stability, to cover the curriculum adequately and effectively. To meet this criterion the following standards must be satisfied.

**Standard: 6: 1.** There must be enough full time faculty members who are committed to the program to provide adequate coverage of the program areas / courses with continuity and stability. The interest of all faculty members must be sufficient to teach all courses, plan, modify and update courses. The majority must hold a Ph.D. degree in the discipline.

<b>Table: 10. Program areas and number of faculty in each area.</b>			
Program Areas of specialization	Courses in the area.	Number of faculty members in each area	Number of faculty with Ph.D. degree
1. Geography of Soils	GEOG:508:	1	-
2. Population Geography	GEOG: 510:	1	1
3. Agriculture Geography	GEOG: 512:	1	1
4. Settlement Geography	GEOG: 514:	1	-
<b>Total</b>		<b>4</b>	<b>2</b>

**Faculty Resume:**

☞ **Note:** Faculty resumes are well documented as per policy/criteria of HEC. Names of the faculty members and field of specialization are as under.

<b>Name:</b>	<b>Position</b>	<b>Qualification</b>	<b>Field of specialization</b>
Dr Noor Hussain Chandio	Professor/Chairman	M.Sc., M.Phil., Ph.D., Postdoc	Environmental Geography, Climate Change, Soil and water contamination and Urbanization
Mr. Kamal Hussain	Assistant Professor	M.Sc. (PhD)	Physical Geography
Dr. Naila Parveen Abbasi	Assistant Professor	M.Sc. PhD	Geography
Mr. Amjad Ali Maitlo	Teaching Assistant	BS & M.Phil.	Physical Geography
Mr. Mairaj Ali Panhwar	Teaching Assistant	BS & M.Phil.	Physical Geography
Mr. Naveed Noor	Teaching Assistant	M. Sc. (M.Phil)	Physical Geography
Miss Komal Ujjan	Teaching Assistant	M. Sc. (M.Phil)	Physical Geography

**Standard 6:2.** All faculty members must remain current in the discipline and sufficient time must be provided for scholarly activities and professional development. Also, effective programs for faculty development must be in place.

☞ **Faculty Survey:**

**Are all faculty members current in their disciplines?**

(a) Up to % (b) Up to % (c) Up to % (d) √ Over %

**Is there sufficient time for faculty members for scholarly activities and professional development?**

(a) No                      (b) To some extent                      (c) Full√

- I. Participation in seminars, conferences at National/International levels.
- II. Research proposals for funding and linkage with other Institutions.
- III. Taking classes, involved in research and reading new books in the relevant field.
- IV. Publications in HEC recognized journals or journals having impact factors.
- V. Organize workshops, seminars and conferences.
- VI. The department arranges lectures from eminent scholars on various topics of the subject for its students and faculty at National level.
- VII. Prepare their resume in line with HEC guidelines.

**Faculty Development Program: N/A.**

**Standard 6:3.** All faculty members should be motivated and have job satisfaction to excel in their profession.

The following criteria are under practice in order to satisfy the faculty members in their profession.

- I. Fair, timely selection, appointment / promotion as per HEC policy.
- II. Providing Tenure Track salary package
- III. Excellent working environment.

**Faculty Survey:**

The following information has been collected through the Proforma from the faculty members: The data is shown as percentage:

**A:** Very satisfied **B:** Satisfied **C:** Uncertain **D:** Dissatisfied **E:** Very dissatisfied.

1. Type of teaching / research you currently do. 50%(A) 50%(B) 0%(C) 0%(D) 0%(E)
2. Your interaction with students. 50%(A) 50%(B) 0%(C) 0%(D) 0%(E)
3. Cooperation you receive from colleagues. 0%(A) 100%(B) 0%(C) 0%(D) 0%(E)
4. The mentoring available to you. 0%(A) 50%(B) 50%(C) 0%(D) 0%(E)
5. Administrative support from the department. 67%(A) 33%(B) 0%(C) 0%(D) 0%(E)

6. Your prospects for advancement and progress through ranks. 17%(A) 67%(B) 0%(C) 0%(D) 0%(E)
7. Salary and compensation package. 0%(A) 50%(B) 33%(C) 0%(D) 0%(E)
8. Job security and stability at the department. 33%(A) 33%(B) 0%(C) 17%(D) 17%(E)
9. The overall climate at the department. 33%(A) 17%(B) 33%(C) 0%(D) 0%(E)
10. Whether the department is utilizing your experience and knowledge. 17%(A) 17%(B) 50%(C) 0%(D) 0%(E)

1) General Comments:

**Criterion: 7. Institutional Facilities.** Institutional facilities, including library, clean rooms and offices must be adequate to support the objectives of the program. To satisfy this criterion, the following standards must be met.

**Standard 7:1.** The Institution must have the infrastructure to support new trends in learning such as E-learning.

**Standard 7:2.** The library must possess an up-to-date technical collection relevant to the program and must be adequately staffed with professional personnel.

**Standard 7:3.** Class rooms must be adequately equipped and offices must be adequate to enable faculty to carry out their responsibility.

**Details of facilities available in the department:**

Item	Position	Remarks
Seminar Library & Books/Journals	Yes	Still needs more latest
Computing Laboratory	Yes	At least 1 Computing lab needed for research scholars.
Laboratory	Yes	2 well equipped needed.
Class Rooms	Sufficient number of class rooms	Need more & to be equipped with Multimedia, internet facility.
Girls Common Room	X	Spacious, needed one big with complete facility of

		washroom/dressing room.
Boys Common Room	X	
Faculty offices	Yes, available	Needed
Internet & Digital Library Facility	Internet is available, but digital is not is access	Need of Digital Library
Computers	Only for office work & other for GIS work	10 more computers are needed for GIS and RS

**Criterion: 8. Institutional Support.** The institution's support and the financial resources for the program must be sufficient to provide an environment in which the program can achieve its objectives and retain its strength.

**Standard 8:1.** There must be sufficient support and financial resources to attract and retain high quality faculty and provide the means for them to maintain competence as teacher and scholars.

**Standard 8:2.** There must be an adequate number of high quality graduate and post students, research assistants.

**Table: 11.** The number of students in each program:

Program	Year 2019-20	Year 2020-21	Year 2021-22
BS 4Yr	----	-----	106
M. Sc./M.A	--	----	07
MS/M.Phil.	---	24	13
<b>Total</b>	<b>150</b>		

**Standard 8-3:** Financial resources must be provided to acquire and maintain library holding, laboratories and computing facilities.

☞ The University provides resources to maintain library & laboratories.

**Does the department provide opportunities to the faculty members to attend international / national conferences?**

(1) No      (2) To some extent      (3) Full ✓

**PT Members****Chairman's Comments**

The Department offers Bachelor & Master's level courses in the discipline of Geography. The classes of the B.S (4-year) Program started from the academic year 2005-06. Department of Geography announced the admissions in MS/M. Phil in Geography started in the academic year 2020.

The Department has fully internet facility with smart wi-fi project, the department of Geography is organizing International conferences, seminars, and workshops, regularly. At present, three permanent faculty members and four teaching Assistants are working in the Department. The subject Geography is taught in more than 12 other departments as a minor subject, the Department has a weather station as weather lab for students.

**Prof. Dr. Noor Hussain Chandio**

Chairman

Department of Geography

Date-02-10-2022