

SENATE OF PAKISTAN

REPORT NO# 03



**REPORT OF THE SENATE STANDING COMMITTEE
ON NATIONAL FOOD SECURITY & RESEARCH**

ON

"THE PAKISTAN ANIMAL SCIENCE COUNCIL BILL, 2022"

PRESENTED BY

**SYED MUZAFFAR HUSSAIN SHAH
CHAIRMAN COMMITTEE**

SENATE SECRETARIAT

REPORT OF THE SENATE STANDING COMMITTEE ON NATIONAL FOOD SECURITY & RESEARCH ON THE PAKISTAN ANIMAL SCIENCE COUNCIL BILL, 2022.

1. Chairman of the Standing Committee on National Food Security & Research have the honor to present on behalf of the Committee, this report on the Bill titled, "The Pakistan Animal Science Council Bill, 2022" as introduced by Senator Rana Mahmood Ul Hassan on 1st August, 2022 and referred to the Senate Standing Committee on National Food Security & Research for consideration and report.

2. The composition of the Committee is as under:-

1. Senator Syed Muzafar Hussain Shah	Chairman
2. Senator Muhammad Ishaq Dar	Member
3. Leader of the House	
4. Senator Seemee Ezdi	Member
5. Senator Sania Nishtar	Member
6. Senator Saeed Ahmed Hashmi	Member
7. Senator Dr. Muhammad Farogh Naseem	Member
8. Senator Naseema Ehsan	Member
9. Senator Kesho Bai	Member
10. Senator Qurat Ul Ain Marri	Member
11. Senator Jam Mahtab Hussain Dahar	Member
12. Senator Dr Asif kirmani	Member
13. Senator kamran Murtaza	Member
14. Minister for National Food Security & Research	Ex-officio Member

3. The Committee considered and discussed the said Bill in its meetings held on 6th October, 2022 & 17th January, 2023 at Parliament House, Islamabad under the Chairmanship of Senator Syed Muzafar Hussain Shah. The Following Members attended the above said meetings:

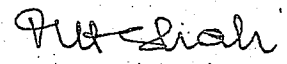
Meeting held on 6th October, 2022

1. Senator Seemee Ezdi	Member
2. Senator Naseema Ehsan	Member
3. Senator Jam Mahtab Hussain Dahar	Member
4. Senator Rana Mahmood Ul Hassan	Mover

Meeting held on 17th January, 2023

1. Senator Jam Mahtab Hussain Dahar Member
2. Senator Kamran Murtaza Member
3. Senator Rana Mahmood Ul Hassan Mover
4. While considering the proposed Bill, the Committee was informed by the Ministry that there is already a regulatory body which is regulating veterinary education under the Ministry of Inter Provincial Coordination (IPC) throughout Pakistan. The Committee therefore decided that there should not be two bodies with the same mandate and objective and as such advised the Mover to approach the regulatory body which is already functioning in Ministry of IPC.
5. After due deliberations, the Committee disposed of the matter on the above mentioned ground.
6. Copy of the Bill as introduced in the Senate is annexed as Annexure.


(ZARGHOOMA SHABBIR)
DS/ Secretary Committee


(SENATOR SYED MUZAFFAR HUSSAIN SHAH)
Chairman Committee

^{As}
[TO BE INTRODUCED IN THE SENATE]

**A
Bill**

to constitute the Pakistan Animal Science Council

WHEREAS it is convenient to regulate the registration, practice and conduct of the Animal Science (Livestock and Poultry) graduates to establish uniform standards of basic and higher qualifications and to constitute a Pakistan Animal Science Council (PASC) in the country;

It is hereby enacted as follows:-

- 1. Short title, extent and commencement.-** (1) This Act shall be called the Pakistan Animal Science Council Act, 2022.
- (2) It shall extend to whole of Pakistan.
- (3) It shall come into force at once.
- 2. Definitions.-** In this Act unless there is anything offensive in the subject or context,-
- (a) **"Animal"** means any creature which can grow, reproduce and move of its own free will including all kind of farm animals and birds. Here we refer to farm animals i.e. cow, buffalo, sheep, goat, others (camel, horse, donkey and mule) including poultry birds;
 - (b) **"Animal Breeding"** a branch of animal science which deals with the evaluation of the genetic value (estimated breeding value, EBV) of livestock to implement selection program for improvement;
 - (c) **"Animal Husbandry"** the branch of science which deals with the production of domestic animals or livestock and poultry and embraces all phases of breeding, feeding, management, welfare and marketing;
 - (d) **"Animal Nutrition"** encompasses the full gamut of animal nutritional science, including fundamental aspects such as nutritional requirements, metabolic studies, body composition, energetics, immunology, neuroscience, microbiology, genetics and molecular and cell biology related to dietary nutrient needs of animals (livestock and poultry), primarily those in agriculture and food production;
 - (e) **"Animal Production"** (i) means the science and subject of production, management and marketing for livestock and poultry production and their prophylaxis;
(ii) Animal Production deals with domestic animals raised in an agricultural setting to produce commodities such as food, fiber and transportation;
 - (f) **"Animal Science"** (i) deals with production and management of farm animals, concerned with foods of animal origin, milk, dairy, meat and eggs and their marketing and welfare;
(ii) Animal Science is concerned with the science and business of producing domestic livestock and poultry species including, but not limited to the, milk, dairy cow and buffalo, beef cattle, camels, horses and other draft animals;

- (g) **"Animal Scientist"** An animal scientist applies principles of the biological, physical and social sciences to the problems associated with livestock and poultry production, management, welfare and marketing. Also concerned with foods of animal origin: milk, meat, dairy foods, and eggs, etc;
- (h) **"Dairy"** a facility, building or establishment where milk is kept and butter, cream or cheese and other products are made;
- (i) **"Council"** means the Pakistan Animal Science Council (PASC) constituted under this Act;
- (j) **"Dairy Science"** the program which covers the basic principles of animal nutrition, physiology, lactation, genetics, reproduction and enterprise management;
- (k) **"Feed Technology"** involves the processing of ingredients and the manufacture of animal feeds and is an integral part of animal production systems to provide high quality and nutritious food;
- (l) **"Genetics"** deals with the study of inheritance of characters;
- (m) **"Livestock"** is commonly defined as domesticated animals raised in an agricultural setting to produce labor and commodities such as milk, meat, eggs, fur, leather, wool, hair and other related products;
- (n) **"Livestock Management"** is a branch of animal science which deals with the series of techniques/technologies including feeding, housing, breeding, etc. in such a way that maximum production could be obtained from farm animals within available resources;
- (o) **"Livestock Production"** A program that focuses on the application of biological, chemical, mechanical and electromechanical principles to the production, management, welfare and marketing of livestock, poultry and their products;
- (p) **"Member"** means a member of this Council;
- (q) **"Poultry"** (i) Poultry refers to those species of the birds which are beneficial to mankind from economic point of view and can reproduce freely under men care;
(ii) It can be defined as domestic fowls, including chickens, turkeys, geese, ducks quail and ostrich, raised for the production of meat or eggs and the word is also used for the flesh of these birds used as food. All of the different types of poultry can be organized into four categories: landfowl, waterfowl, game and others;
- (r) **"Poultry Farming"** is a practical application of poultry husbandry which raises domesticated birds such as chickens, ducks, turkeys, geese and quails to produce meat or eggs for food. Chickens raised for eggs are known as layers, while chickens raised for meat are called broilers;
- (s) **"Poultry Science"** (i) A branch of animal science which deals with the principals and practices involved in rearing, brooding, feeding, breeding, management and marketing of poultry and its products.

- (ii) means the subject of science to learn how to manage poultry farms, where birds such as chickens, ducks, quails, ostrich and geese are raised for their eggs and meat. The subjects of poultry biochemistry, bird biology and nutrition, food science and technology human and animal health and safety are part of it;
- (t) **"Prescribed"** means prescribed by regulations of the Council;
- (r) **"Register"** means the Animal Science/Animal Production Graduates (livestock, dairy and poultry) maintained under section 15;
- (t) **"Regulation"** means regulations made under section 20; and
- (w) **"Veterinary" Science** is a subject that concerns with the treatment of a range of different animals – from domestic pets to farmyard animals and combines an array of subjects like anatomy, parasitology, gastroenterology, medicine and surgery.

3. Composition and Incorporation of the Council.-(1) The composition of the council shall be constituted in accordance with the provision of this Act.

- (2) A Council to be known as the Pakistan Animal Science Council (PASC);
- (3) The Council shall be a body corporate having perpetual succession and a common seal with powers to acquire, hold and dispose of property and enter into contract and shall be its name sue or be used;
- (4) The Council shall consist of the following:
 - (a) One member each to be nominated by the Vice Chancellor of each University having the recognized basic degrees of Animal Science/Poultry Science or any one of the basic animal production degrees;
 - (b) The Dean, Faculty of Animal Husbandry, University of Agriculture, Faisalabad (UAF) will be member by designation;
 - (c) One member each to be nominated by the relevant HOD of any Institute where production graduates are performing their duties in similar disciplines;
 - (d) One member from each Province to be nominated by the Provincial Government having any one basic degree of animal/poultry science/animal production;
 - (e) Four members to be elected from among themselves by the Central Executive Committee of Pakistan Animal Scientists Welfare Association (PASA), a registered society at Social Welfare and Bait-ul-Maal Department of the Punjab under the Voluntary Social Welfare Agencies Registration and Control Ordinance 1961;
 - (f) One member each to be nominated by the Head of each Animal Husbandry non degree awarding Institution(s) in Pakistan which trains for a recognized animal production qualification or diploma;
 - (g) Two members to be nominated by PASA from the Livestock and Poultry industry; and
 - (h) Animal Husbandry Commissioner (AHC), Livestock Division, Government of Pakistan, Islamabad.

(5) No person shall be qualified to be elected or nominated as a member of the Council unless:

- (a) he is registered with the council; and
- (b) he possesses a basic recognized animal production qualification obtained not less than three years before his election or nomination:

Provided the qualification at above shall not apply to a person to be elected or nominated for the first Council, but such person shall get himself registered with the Council within six months of its constitution.

(6) The headquarters of the council shall be at such place as the Council may determine (Faisalabad/Islamabad).

4. Tenure of Office Bearers of the Council.-

- (a) A member shall hold office for a fix term of three years, but shall be eligible to be re-elected or re-nominated.
- (b) When the term of office of a member is about to expire, his successor shall be elected or nominated, as the case may be, any time within three months before the term expires, but he shall assume office only after expiry of the term of the incumbent.
- (c) A member may, at any time, resign his office by tendering his resignation in writing to the President of the Council.
- (d) A casual vacancy in the office of member shall be filled in through election or nomination, as the case may be, within three months of the occurrence of the vacancy. A member elected or nominated to fill a casual vacancy shall hold office till the tenure of the cabinet.
- (e) A member shall cease to hold office, and his office shall be declared vacant. If he fails to attend three consecutive meetings of the Council w/o any solid justification.
- (f) The Council shall have a President and a Vice President to be elected by secret ballot by registered members.
- (g) The President and Vice President shall hold office for a tenure of three years.
- (h) The General Secretary and Treasurer will be elected through secret ballot by the members by the Council. Their tenure will also be for three years.

5. Functions and Powers of the Executive Committee.-(1) There shall be an Executive Committee of the Council comprising of all the office bearers of four (4) and five (5) other members to be elected or nominated by the council members.

(2) In addition to the powers and duties conferred and imposed upon it by this Act, the Executive Committee shall exercise such powers and discharge such duties as may be prescribed.

(3) The Executive Committee may constitute committee(s) for general or special purposes as it may deem necessary to carry out the purposes of this Act.

(4) The Executive Committee (EC) of Council will regulate the fund raising, membership fees, accreditation fees and other funds related income and expenditure matters.

(5) The EC will arrange an external auditor for annual audit of the Council.

6. Officers and Officials of the Council.- (1) The Governing Body (EC) may appoint certain officers and officials, as it may deem necessary to carry out the specialized purposes of the Act.

(2) All persons appointed or employed by the EC shall be deemed to be public servants within the meaning of section 21 of the Pakistan Penal Code (SLV of 1860).

7. Rules and Regulations of the Council.- Rules and regulations of the EC for its business and member's / committee's affair will be formulated for its smooth working and functioning.

8. Terms and Conditions for the Remunerations.- (1) The EC may approve the remunerations and allowances to the Executive Committee of the council following the directions of the Federal Government.

(2) The EC may fix the remunerations of the officers, officials or any committee, as it may deem necessary as per their work and assignment.

9. Recognition of Qualifications granted by Various Institutions.- (1) The qualifications granted by Animal Husbandry/Animal Science Institutions in Pakistan which are included in the First Schedule (I) shall be recognized as Animal Husbandry and Animal Science (Livestock, Dairy) and Poultry Science. qualifications for the purpose of this Act.

(2) Any Animal Science institution in Pakistan which grants Animal Science, Animal Production qualifications, not included in the Schedule I, may apply to the Federal Government to have such qualification recognized. And the Federal Government after consulting the Council by notification in the Official Gazette amend the Schedule I so as to include such qualification therein.

(3) The notification referred to in sub-section (9 ii) may also direct that an entry shall be made in the last column of the Schedule I against the qualification declaring that it shall be a recognized qualification only when granted after a specified date.

10. Ex-Pakistan Qualifications to be Recognized.- The Animal Husbandry/Animal Science qualifications granted by Agricultural/Animal Science/Veterinary Institutes outside Pakistan which are included in the Schedule II shall be recognized as Animal Science qualifications for the purposes of this Act.

11. Arrangement for Modifying the Second Schedule.- (1) At any time the Council may enter into negotiations with the appropriate authority in any State or Country outside Pakistan for the settling of a scheme of reciprocity for the recognition of Animal Science qualifications and in pursuance of any such scheme, the Federal Government may by notification in official Gazette amend the Schedule II so as to include therein any Animal Science qualification which the Council has decided to recognize.

(2) The notification referred to in sub-section (i) may also direct that an entry shall be made in the last column of the Schedule II against the Animal Science qualifications accepting that it shall be recognized qualification only when granted after a specified date.

(3) The Federal Government, after consultation with the Council, may by notification in the Official Gazette, amend the Schedule II by directing that it shall be a recognized qualification only when granted before a specified date.

(4) Where the Council has refused to recognize any Animal Science qualification which has been proposed for recognition by any such authority that authority may apply to the Federal Government, and the Federal Government after considering such application and the Council's reason for such refusal may, by notification in the Official Gazette amend the Second Schedule (II) so as to include such qualification therein and the provisions of sub-section (ii) shall apply to such notification.

(5) The Federal Government after consulting the Council, may, if it thinks fit direct that a Animal Science qualification granted by an institution in a State or Country outside Pakistan shall be a recognized qualification for such period and subject to such conditions as may be specified in the direction, as it were mentioned, in the Second Schedule not with standing that a reciprocal scheme of recognition has not been entered into between the Council and the appropriate authority in that State or Country as in referred to in sub-section (i).

(6) If the Council is satisfied that a person is, by reason of qualification granted by an Agriculture/Animal Science/Veterinary institutions outside Pakistan, not included in the Schedule II, and of experience gained in any part of Pakistan, possessed of qualifications which entitle him to be recognized as possessed of sufficient qualification for the purposes of this Act, it may with the approval of the Federal Government certify that the person is possessed of such qualification; and on such certification by the Council the person shall be deemed to be possessed of recognized qualification for such period and subject to such condition as may be specified by the Council in this behalf.

12. Information regarding Scheme of Studies and Examinations.- Every institution in Pakistan which train for, or grants, or both trains for and grants a recognized Animal Sciences (Livestock, Dairy and Poultry) qualifications shall provide information on scheme of studies, courses, syllabi and examination procedures as the Council may need from time to time require as to:

- (a) the scheme of courses of the study and examination procedures to be undergone in order to obtain such qualifications;
- (b) the minimum age of candidate at which such courses of study can be undertaken on admission in the institution;
- (c) examinations required to be undertaken to get such qualifications, and
- (d) generally as to the pre-requisites for obtaining such qualifications.

13. Inspection of Examinations - (1) The Executive Committee shall appoint any number of inspectors for various institutions as it may deem necessary:

- (a) to attend at any or all of the examinations held by Animal/Poultry Science institutions in Pakistan for the purpose of granting recognized qualifications or in respect of which recognition has been sought;
- (b) to look into Faculty, their qualifications, Dept labs/Libraries, experimental farms, hatcheries, research projects and technical facilities available at any concerned institution of Pakistan for evaluating any short falls or deficiencies and assessing the requirements of such institutions in terms of expertise and equipment's.

(2) The inspector appointed under this section shall not interfere with the conduct of any examination of research studies, but he shall report to the EC on the sufficiency of the examination of the research paper which he attends and on the courses of study and facilities of teaching and research provided by the institution at different stages in respect of such examination research and on and other matters in regard to which the EC may require them to report.

(3) The Executive Committee shall forward a copy of any such report to the institution concerned and shall also forward a copy with the remarks of such institution thereon to the Federal Government.

14. Withdrawal of Recognition.- (1) When upon report of the EC it appears to the Council that the courses of study and examinations to be gone through in any institution in Pakistan in order to obtain a recognized Animal/Poultry Science qualifications or that the standard of proficiency required from candidates at any examination held for the purpose of granting such qualification or standard of research studies and facilities is not such as to secure to persons holding such qualifications the knowledge and skill requisite for the efficient practice of scientist as Animal Production or to contribute to the advancement of Animal Protein production, the Council shall make a representation to that effect to the Federal Government.

(2) After considering such representation, the Federal Government shall forward it along with such remarks as it may choose to make to the concerned institution with an intimation of period within which the institution may submit its explanation to the Federal Government.

(3) On the receipt of the explanation or where no explanation is submitted within the specified period, the Federal Government may after making such further inquiry, if any, as it may think fit direct that the measures necessary to bring the teaching and research up to the required standard be taken or an entry shall be made in the appropriate schedule against the concerned institution declaring that any qualification granted by such institution after the specified date shall not be recognized.

15. Maintenance of Register as a Public Document.- (1) The Council shall maintain in the prescribed manner a register in which the names should be entered with other particulars of the person possessing recognized Animal Science qualifications whose applications for registration as animal production scientists are from time to time granted by the Council.

(2) Every application for registration under this Act shall be made to the Council in the prescribed form and be accompanied by the prescribed fee.

(3) Every Animal Production Scientist registered under this Act shall be entitled to receive a certificate of registration from the Council for 5 year, 10 year and/or lifetime basis (whatsoever decided by the EC).

(4) The register maintained under this section shall be deemed to be a public record within the meaning of the Qanoon-e-Shahadat, 1984 (P.O. No. 10 of 1984).

16. Penalty for Fraudulent Representation or Registration.- (1) Whoever willfully procures or attempts to procure himself to be registered under this Act by making or producing or causing to be made or produced any false or fraudulent representation or declaration either orally or in writing, and any person who assists him therein, shall be guilty of an offence punishable with fine which may extend to Rupees one hundred thousand or with imprisonment for a term which may extend to six months, or with both.

(2) Whoever falsely pretends to be registered under this Act as Animal Production or Animal Husbandry practitioner, not being registered under this Act, uses with his name or title any words or letters representing that he is so registered, irrespective of whether any person is actually deceived by such pretense or representation or not shall be guilty of an offence punishable with fine which may extend to Rupees one hundred thousand or with imprisonment for a term which may extend to six months, or with both.

17. Privileges and Responsibilities of Registered Members.- (1) Notwithstanding anything to the contrary contained in any other law for the time being in force no person other than a registered Animal Husbandry practitioner shall hold any Animal Scientist position in private or public sector.

(2) Every person registered under this Act shall notify any transfer of the place of his residence, employment or practice to the Council within thirty day of such transfer.

18. Prohibition of Unregistered Qualification.- No person shall use or publish with his name any title, abbreviate description or symbol, indicating or calculated to lead people to infer that possess any Animal Science qualification unless the same is recognized and conferred upon him under this Act.

19. Removal of Names from the Register.- (1) The Council in its discretion may refuse to permit the registration of any person or direct the removal altogether or for a specified period from the register the name of any registered person who has been convicted of any such offence as implies in the opinion of the Council a defect of character, or has been held by the Council as guilty of infamous conduct in any professional respect, or who has become incapable to perform Animal Husbandry practices by reason of physical or mental incapacity. Provided that no action shall be taken under this sub section, unless such person has been provided an opportunity of being heard.

(2) The Council may direct that the name of any person removed from the register under sub-section (1) shall be restored or reconsidered on certain technical grounds.

(3) For the purpose of an inquiry under sub-section (1) the Council shall be deemed to be a Court within the meaning of the Qanoon-e-Shahdat, 1984 (PO No. 10 of 1984) and shall exercise all the powers of a Civil Court for summoning the witnesses, for compelling the production of documents and for issuing commissions.

20. Authority to Make Regulations.- Following the directions of the Federal Government, the Council may constitute regulations generally to carry out the purposes of this Act and without prejudice to the generality of this power such regulations may provide for:

- (a) the management of the property of the Council and the maintenance and audit of its accounts;
- (b) the summoning and holding of the meetings of the Council, the time and places where such meeting are to be held, the conduct of the business there at and the number of members necessary to constitute a quorum;
- (c) the powers and duties of the Office Bearers.
- (d) the mode of the appointment of the Executive Committee and other Committees, the summoning and holding of the meetings and the conduct of the business of such committees;

- (e) the tenure of the office and duties of the officers and officials of the Council;
- (f) the appointment, TOR and procedures of Inspectors;
- (g) the procedure of maintenance, compilation and publication of the register and, if necessary, for opening of sub-offices or branches for this purpose;
- (h) the procedure of inquiries under this Act;
- (i) prescribing a uniform minimum standard courses of training for obtaining under- and post-graduate qualifications included in the First Schedule (I).
- (j) prescribing minimum requirements for the content and duration of the courses of study as aforesaid;
- (k) prescribing the conditions for admission to courses of training as aforesaid;
- (l) prescribing minimum qualifications and experience required of teachers, researchers for appointment in professional institutions;
- (m) prescribing the standards of examinations, methods of conducting the examinations and other requirements to be satisfied for securing recognition of qualification under this Act;
- (n) prescribing the qualifications and experiences required of examiners for the examinations antecedent to the granting of recognized qualifications;
- (o) registration of students at any professional institution, College, DAI or any University and the fee payable in respect of such registration; and
- (p) any matter for which under this Act provision may be made by registration.

21. Submission of Records to Federal Government.- (1) The Council shall furnish such reports, abstract of its accounts and other information to the Federal Government as it may require.

(2) The Federal Government may publish in such manner as it may think fit any report, copy, abstract, or other information furnished to it under this Act.

22. Tribunal of Inquiry.- (1) Whenever it is made to appear to the Federal Government that the Council is not complying with any of the provisions of this Act, the Federal Government may refer the particulars of the complaint to a Tribunal of Inquiry (TI) consisting of three persons of whom appointed by the Federal Government, one being a Judge of Court, the Council and any nominee of the Faculty of the Animal Husbandry of UAF (the mother institute). The TI shall proceed to inquire in manner report to the Federal Government as to the charge of default or proper acting found by the Tribunal to have been established, the Tribunal shall recommend the remedies, if any, which are in opinion necessary, within a period of 3 months.

(2) The Federal Government may require the Council to adopt the remedies so recommended within so as, having regard to the report of the Tribunal of Inquiry (TI), Federal Government may amend the Regulations of the Council, or make such provision or take such other steps as may seem necessary to give effect to the recommendations of the Tribunal.

(3) A Tribunal of Inquiry (TI) shall have power to administer oaths, enforce the attendance of witnesses and the production of documents, and shall have all such other necessary powers for the purpose of any inquiry conducted by it as are exercised by a Civil Court under the Code of Civil Procedure 1908 (Act V of 1908).

SCHEDULE I
(See Section 9)
RECOGNIZED ANIMAL SCIENCE QUALIFICATIONS
by the
PAKISTAN ANIMAL SCIENCE COUNCIL (PASC), PAKISTAN

Sr No.	Institution	Recognized Degree	Degree Abbreviation
1	Faculty of Animal Husbandry, University of Agriculture, Faisalabad (UAF)	Bachelor of Animal Husbandry	B.Sc.(Hons.) Animal Husbandry
		Bachelor of Agriculture with AH Major	B.Sc.(Hons.) Agri (Major AH)
		Bachelor of Agriculture with AS Major	B.Sc.(Hons.) Agri Major AS
		Bachelor of Animal Sciences	B.Sc.(Hons.) Animal Science
		Bachelor of Animal Sciences	BS. Animal Science
		Bachelor of Dairy Science	B.Sc.(Hons.) Dairy Science
		Bachelor of Dairy Science	BS. Dairy Science
		Bachelor of Poultry Science	B.Sc.(Hons.) Poultry Science
		Bachelor of Poultry Science	BS Poultry Science
		Master of Science, MPhil in Science and Doctor of Philosophy in Livestock Management, Animal Breeding and Genetics, Animal Nutrition and Poultry Husbandry	MS M.Sc.(Hons.) MPhil PhD
2	UAF Sub-Campus Toba Tek Singh	Bachelor of Poultry Science	B.Sc.(Hons.) Poultry Science
		Bachelor of Poultry Science	BS Poultry Science
3	UAF Sub Campus Burewala-Vehari	Bachelor of Animal Sciences	B.Sc.(Hons.) Animal Science
		Bachelor of Poultry Sciences	BS Poultry Science
4	University of Sargodha (UOS), Sargodha	Bachelor of Animal Sciences	B.Sc.(Hons.) Animal Science
		Bachelor of Animal Sciences	BS Animal Science
		Master of Animal Nutrition	M.Sc.(Hons.) AN

5	Bahauddin Zakarya University (BZU), Multan	Bachelor of Poultry Sciences	B.Sc. (Hons.) Poultry Sciences
6	Muhammad Nawaz Sharif University of Agriculture, Multan	Bachelor of Poultry Sciences	B.Sc.(Hons.) Poultry Sciences
7	Cholistan University of Animal and Veterinary Sciences (CUVAS), Bahawalpur	Bachelor of Animal Science	B.Sc.(Hons.) Animal Science
		Bachelor of Poultry Sciences	BS Poultry Science
8	University of Animal and Veterinary Sciences (UVAS), Lahore	Bachelor of Sciences	BS.(Hons.) Poultry Science
		Master of Poultry Sciences	M.Sc.(Hons.) Poultry Science
		Master of Philosophy in Animal Nutrition, Poultry Science, Livestock Management and Animal Breeding & Genetics	MPhil AN, PS, LM and ABG
		Doctor of Philosophy in Animal Nutrition, Livestock Management & Poultry Science	PhD in AN, LM and PS
9	PMAS, Arid Agriculture University, Rawalpindi	Master of Philosophy/Doctor of philosophy in Animal Nutrition, Poultry Science, Livestock Management and Animal Breeding & Genetics	MPhil/PhD in AN, PS, LM and ABG
10	Riphah Coll of Vet Science, Riphah International University, Lahore	Bachelor of Poultry Sciences	BS (Hons.) Poultry Science
11	The Agricultural University of Peshawar (AUP), Khyber Pakhtunkhwa	Bachelor of Animal Husbandry	B.Sc.(Hons.) Animal Husbandry
		Bachelor of Agriculture with AH Major	B.Sc.(Hons.) Agri (AH Major)
		Bachelor of Animal Science	B.Sc.(Hons.) AS
		Master of Science in Livestock Management	M.Sc.(Hons.) LM
		Master of Philosophy in Animal Nutrition	M.Sc (Hons.) AN
		Doctor of Philosophy in Livestock Management, Animal Breeding & Genetics and Poultry Husbandry	PhD

12	Gomal University D I Khan, Khyber Pakhtunkhwa	Bachelor of Animal Sciences	B.Sc.(Hons.) Animal Science
		Bachelor of Poultry Science	B.Sc.(Hons.) Poultry Science
13	University of Agriculture D I Khan	Bachelor of Animal Sciences	B.Sc.(Hons.) Animal Science
		Bachelor of Poultry Science	B.Sc.(Hons.) Poultry Science
14	Sindh Agricultural University (SAU), Tandojam, Sindh	Master of Science and Doctor of philosophy in Livestock Management, Animal Nutrition and Poultry Science	M.Sc.(Hons) LM, AN and PS PhD
15	Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS), Uthal, Balochistan		

SCHEDULE II
(See Section 10)

**RECOGNIZED ANIMAL SCIENCE DEGREES AND QUALIFICATIONS
OBTAINED OUTSIDE PAKISTAN**

S. #	Institutions	Recognized Degree	Institution For Registration
1	State Universities of America, Australia and Provincial Universities of Canada	Master of Sciences in Animal Production	MS in AP
		Master of Animal Sciences	MS in AS
		Master of Dairy Science	MS in Dairy Sci
		Master in Dairy Production	MS Dairy Prod
		Doctor of Philosophy in Dairy Science	PhD Dairy Science
		Doctor of Philosophy in Animal Sciences.	PhD Animal Science
		Doctor of Science in Animal Physiology	PhD in Animal Physiology
2	Huazhong Agricultural University, Huazhong, PR	Doctor of philosophy in Animal Genetics, Breeding and Reproduction Science	PhD
3	Nanjing Agricultural University, Nanjing, PR China	Doctor of Philosophy in Animal Sciences	PhD Animal Nutrition and Feed Science
4	McGill University, Montreal, Canada	Doctor of Philosophy in Animal Science	PhD Animal Science
5	Sveriges Lantbruks Universitet (SLU), Swedish University of Agricultural Sciences, Umea, Sweden	Degree of Doctor of Philosophy in Agriculture	PhD Animal Sciences (Nutrition and Management of Dairy Cows)

STATEMENT OF OBJECTS AND REASONS

The Bill aims to formulate an apex body to be called the Pakistan Animal Science Council (PASC) for the vital sectors of Animal Science Degrees (in Poultry, Livestock and Dairy) to develop and flourish responsibly to provide healthy and organic food and fiber to 220 Million people of our beloved country.

**SENATOR RANA MAHMOOD UL HASSAN
MEMBER IN CHARGE**