

# AAVS Virtual Meeting on Veterinary Education in the time of COVID-19

26<sup>th</sup> January, 2021

**University of Veterinary and Animal Sciences  
Lahore, Pakistan**

*Presented by*

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# COVID-19 Situation in Pakistan

**Total population: 200 + million**

**First detection: 26<sup>th</sup> February 2020**

**Confirmed cases: 534,041 (25<sup>th</sup> Jan, 2021)**

**8<sup>th</sup> in Asia / 28<sup>th</sup> in the world**

**Deaths: 11,318 (25<sup>th</sup> Jan, 2021)<sup>1</sup>**

## **Lockdowns**

**Nation-wide lockdown 1<sup>st</sup> April to 9<sup>th</sup> May 2020**

**Subsequent gradual relaxation**

**Smart Lockdowns**

**Micro Lockdowns**

## **Closure of Higher Educational Institutes**

**16<sup>th</sup> March – 14<sup>th</sup> September 2020**

**26<sup>th</sup> November 2020 – 31<sup>st</sup> January 2021<sup>2</sup>**

<sup>1</sup> <https://covid.gov.pk/>

<sup>2</sup> [www.hec.gov.pk](http://www.hec.gov.pk)

# Delivery of Didactic Courses – Challenges and Solutions

- Curricular experience structured for traditional face-to-face delivery
- Unpreparedness of faculty and students for online teaching and learning
- Technological and financial constraints faced by the students
- **Faculty readiness: Online courses and in-house trainings**
- **Technology readiness:**
  - Upgradation of Course Teaching Software**
  - Drive links for recorded lectures**
- **Google Meet & Zoom for synchronous sessions**
- **Sourcing and organization of open source learning materials i.e. VIN, WikiVet, NOVICE etc.**
- **Google Classroom for Formative assessments / Online Community development / Peer feedback**

13 07-12-2020	Neuroanatomy I	Differentiate between structural and functional divisions of Brain 4.	Whatsapp	Google Meet	Power Point	70	<a href="#">Dyce 500-514 pp Koenig &amp; Liebich pp 465-498 Pasquini pp 446-476</a>	<a href="https://drive.google.com/file/d/1t5nFBiBvVR7-xX0-CnQYSuVKAoqcULik/view?usp=sharing">https://drive.google.com/file/d/1t5nFBiBvVR7-xX0-CnQYSuVKAoqcULik/view?usp=sharing</a> Download
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# Delivery of Practical Training – Challenges and Solutions

- Curricular experience structured for traditional face-to-face delivery
- Limited access of the faculty to practical teaching resources
- Technological and financial constraints faced by the students
- Limited ‘Application’ and ‘Problem solving’ skills
- **Drive links for recorded / sourced video demonstrations of practical sessions**
- **Google Meet & Zoom for synchronous sessions for practical / case discussions**
- **Challenges continued for clinical training**
- **2-weeks Crash program of practical experience starting 1<sup>st</sup> Feb**

19 11-01-2021	Group A: differential diagnosis of diseases associated with the oral lesions	about 1. various diseases associated with oral lesion in animals 2. how to	Whatsapp	Google Meet	Power Point	88	<a href="https://www.youtube.com/watch?v=eOzG8ksVUs8&amp;ab_channel=EuFMDFAST">https://www.youtube.com/watch?v=eOzG8ksVUs8&amp;ab_channel=EuFMDFAST</a>	<a href="https://drive.google.com/file/d/1kzIIdumeJwfS_WO9DxlzbpigbikkLt6n/view?usp=sharing">https://drive.google.com/file/d/1kzIIdumeJwfS_WO9DxlzbpigbikkLt6n/view?usp=sharing</a>	<a href="#">Download</a>
12 11-12-2020	Supportive Connective Tissue (Bone)	bone. Identify different types of bones on the basis of their microscopic features.	Whatsapp	Google Meet	Power Point	75	Worksheet: <a href="https://drive.google.com/file/d/1Lk-yGm8e-gewkNeQNwD5P1eCTLYGIY3s/view?usp=sharing">https://drive.google.com/file/d/1Lk-yGm8e-gewkNeQNwD5P1eCTLYGIY3s/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1_nJec4cK83fZwjFeGmlvqzAvtjEP_mkG/view?usp=sharing">https://drive.google.com/file/d/1_nJec4cK83fZwjFeGmlvqzAvtjEP_mkG/view?usp=sharing</a>	<a href="#">Download</a>

# Challenges and solutions outside classrooms (e.g. student and faculty safety and health, internships, licensing, employment)

## UVAS

- Approval of Online Teaching & Assessment Policies
- Students and faculty surveys for broad-based decision making
- Blended internships
- Active Career & Alumni Office
- Financial support to students
- Approved Lab for Covid-19 testing
- 1250 courses went online; 10 million PKR

## Pakistan Veterinary Medical Council

- Adoption of UVAS best practices at all VEEs in Pakistan
- Approval of online course delivery for degree requirements and graduate registration

**THANK YOU**

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