



**N H E P**



**WORLD BANK**



## Five Days Vocational Training

on

# “Immunological Advancements in Male and Female Fertility”

Cellphone/  
Laptop  
with Internet

[Click Here for Registration](#)

**Date: 1-5 September, 2020**

**Time: 9:30 Onwards**

**Organized by:**

Department of Veterinary Gynecology & Obstetrics  
and

Department of Veterinary Physiology & Biochemistry


College of Veterinary Science and Animal Husbandry

Junagadh Agricultural University

Junagadh-362001 (Gujarat)

The IDP for Junagadh Agricultural University (JAU) has been considered by the ICAR for improving the competency of faculty and education quality at graduation level students among all faculties of the JAU with objectives; To develop skill and inculcate entrepreneurship among the students, To strengthen linkages between institute, industries, corporate and foreign agencies and to strengthen student services and integrated management information system.

### **Objectives of the Training**



- The students shall be benefitted by attending and interacting with renowned scientists of national repute.
- The students shall get a direct inputs from scientists, teachers and fellow students about immunological issues and advancements to improve male and female fertility.

# Programme details

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9:00  
to  
9:10

**Welcome Address by  
Chairman  
Dr. P. H. Tank**  
Principal & Dean,  
COVSAH,  
JAU, Junagadh.



9:10  
to  
9:20

**Address by Chief Guest  
Dr. M. L. Madan**  
Ex. Vice-chancellor,  
DUVASU, Mathura



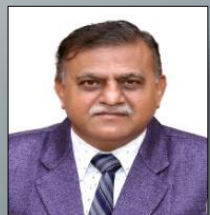
9:20  
to  
9:30

**Address by Guest of  
Honour  
Dr. F. S. Kavani**  
Retd. Professor & Head,  
DVG&O, GVC, Anand



9:30  
to  
9:40

**Address by President  
Dr. V. P. Chovatia**  
Vice-Chancellor,  
JAU, Junagadh



## Day 1

### Technical Session & Eminent Speakers

10:00  
to  
11:00

“Immunological  
issues and  
advancements in  
fertility”

**Dr. M. L. Madan**  
Ex. Vice-chancellor,  
DUVASU, Mathura



11:15  
to  
12:15

“Overview of  
infertility in  
domestic  
animals”

**Dr. F. S. Kavani**  
Retd. Professor &  
Head, Dept. of Vet.  
Gynaecology &  
Obstetrics, COVSAH,  
AAU, Anand,  
Gujarat.



12:30 to 15:00 Lunch break

### HANDS ON TRAINING

15:00  
To  
17:00

“Routine  
methods for  
collection and  
evaluation of  
semen”

Dr. G. B. Solanki , Dr. S.  
S. Parikh and Dr. J. K.  
Chaudhary

## Day 2

### Technical Session & Eminent Speakers

10:00  
to  
11:00

“Comparative immunomodulatory analysis of caprine fetal adnexa derived mesenchymal stem cells”

**Dr. G Taru Sharma**  
(Principal Scientist & Head, P&C division, IVRI, Izatnagar)



11:15  
to  
12:15

“Infertility in male domestic animals”

**Dr. A. J. Dhami**  
Professor & Head,  
Department of  
Veterinary  
Gynaecology &  
Obstetrics, COVSAH,  
AAU, Anand, Gujarat



12:30 to 15:00 Lunch break

### HANDS ON TRAINING

15:00  
To  
17:00

“Different diagnostic procedures for gynaecological disorders in large animals”

Dr. K. B. Vala, Dr. R. J. Raval, Dr. K. H. Parmar and Dr. D. N. Borakhatariya



## Day 3

### Technical Session & Eminent Speakers

10:00  
to  
11:00

“Role of seminal  
immune  
regulatory  
molecules in  
fertilization”

**Dr. A. K. Gahlot**  
(Ex. Vice-chancellor,  
RAJUVAS, Rajasthan)



11:15  
to  
12:15

“Improving  
fertility in dairy  
cattle and  
buffalo”

**Dr. S. P. Ghuman**  
(Professor, Department of  
Veterinary Gynaecology  
& Obstetrics, COVSAH,  
GADVASU, Ludhiana,  
Punjab)



12:30 to 15:00 Lunch break

### HANDS ON TRAINING

15:00  
To  
17:00

“Western  
blotting  
technique”

Dr. A. B. Odedara, Dr. A. A.  
Vasava, Dr. H. K. Gida, Dr.  
J. M. Chauhan, Dr. V. K.  
Singh, Dr. R. J. Padodara  
and Dr. A. K. Sharma

## Day 4

### Technical Session & Eminent Speakers

9:30  
to  
10:30

“Fertility  
Management in  
Bitch”

**Dr. Sarita Ulhas Gulwane**  
Professor & Head, Dept. of  
Vet. Gyna. & Obst.,  
COVSAH, Parel MAFSU,  
Maharashtra



10:30  
to  
11:30

“Immuno-  
contraception in  
canines”

**Dr. B. N. Suthar**  
Professor & Head, Dept. of  
Veterinary Gynaecology &  
Obstetrics, COVSAH, SDAU,  
SK Nagar, Gujarat



11:30  
to  
12:30

“Immunological  
modulation of  
reproduction in  
small ruminants”

**Dr. M. T. Panchal**  
Professor, Dept. of  
Veterinary Gynaecology &  
Obstetrics, COVSAH, AAU,  
Anand, Gujarat



12:30 to 15:00 Lunch break

### HANDS ON TRAINING

15:00  
To  
17:00

“Sperm motility  
analysis using CASA  
and SDS PAGE and  
western blotting for  
detecting fertility  
markers”

**Dr. Dilip Swain**  
Assistant Professor, Dept.  
of Veterinary Physiology,  
DUVASU, Mathura

## Day 5

### Technical Session & Eminent Speakers

09:30  
to  
10:30

“Molecular  
markers for  
fertility  
evaluation in  
stallion”

**Dr G. N. Purohit**  
Professor & Head, Dept.  
of Veterinary  
Gynaecology &  
Obstetrics, CVAS,  
RAJUVAS, Rajasthan



10:30  
to  
11:30

“COVID 19 and  
sperm physiology...a  
complex interplay  
regulating male  
fertility”

**Dr. Dilip Swain**  
Assistant Professor, Dept.  
of Veterinary Physiology,  
DUVASU, Mathura



11:30  
to  
12:30

“Use of Different  
Immunomodulators  
for Improvement of  
Fertility”

**Dr. B. S. Chandel**  
Professor & Head,  
Department of Veterinary  
Microbiology, COVSAH,  
SDAU, SK Nagar, Gujarat



12:30 to 15:00    Lunch break

## Vote of Thanks





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## For further details



**Dr. K. B. Vala**  
**Convener**  
**Assoc. Professor & Head,**  
**Dept. of V.G.O., COVS & A.H., J.A.U.,**  
**Junagadh**



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drkkvala@gmail.com



**Dr. A. K. Sharma**  
**Co-convener**  
**Assoc. Professor & Head,**  
**Dept. of V.P.B., COVS & A.H., J.A.U.,**  
**Junagadh**



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