



IVA NEWS LETTER

President: Dr. S. Maya
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WORLD VETERINARY DAY 2020
SPECIAL ISSUE



Quarterly newsletter of Indian Veterinary Association, CVAS, Mannuthy

Message from President, IVA, Kerala



It is a great pleasure to associate with the innovative programmes initiated by Indian Veterinary Association (IVA), Mannuthy unit in connection with World Veterinary Day (WVD). As it was not possible to celebrate the day in corporal manner, all programmes were conducted in online platform. The online lecture series, National seminar, paper presentation competition, quiz programme and various other competitions conducted by the unit to keep its members engaged during this COVID 19 lock down period, attracted veterinarians from all over the country and witnessed the expansion of the activities of this small unit into a national level platform.

Now, it gives immense pleasure that the unit is releasing a special issue of newsletter highlighting various activities. I wish all success to the office bearers of IVA, Mannuthy unit as well as the editorial board.

Looking forward for such unique endeavours in future from IVA, Mannuthy unit.

Regards,
Dr. K. K. Thomas

World Veterinary Day Celebrations -2020

Indian Veterinary Association (IVA) upholds and safeguards the dignity, honour, rights and interests of veterinary fraternity and assures unity among veterinarians. The association has been functioning at College of Veterinary and Animal Sciences (CVAS), Mannuthy since 1978. The unit has always been in the front line in upgrading veterinary professional efficiency and competence.

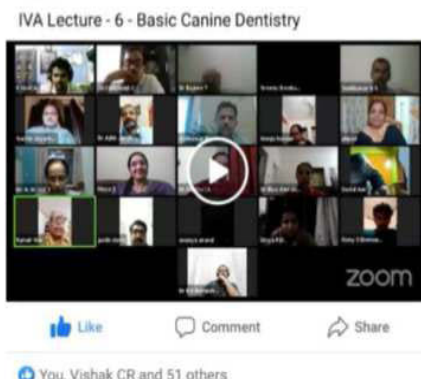
World Veterinary Association (WVA) is an international organisation involved in representing the global veterinary profession. It unites international and national veterinary associations, bringing veterinarians from all over the world together. World Veterinary Day (WVD) which is being celebrated on last Saturday of every April focuses mainly on promoting veterinary profession and creating awareness among general public about the significant contribution of veterinarians to the society. This year, the day was observed on April 25th.

Each year WVA and World Organization for Animal Health (OIE) choose a theme for WVD. The current year's theme was 'Environmental protection for improving animal and human health'. Veterinarians are advocates of 'One health'. There is an inseparable link between environmental, human and animal health. Negative effects to our environment will ultimately affect human and animal well-being.

The entire world is passing through the hard phase of COVID- 19 pandemic. In this juncture, IVA, CVAS, Mannuthy unit, in association with IVA, Kerala, and Kerala Veterinary and Animal Sciences University (KVASU) has jointly organised various activities through online mode. This special issue of IVA newsletter throws light into various activities undertaken in connection with WVD-2020.

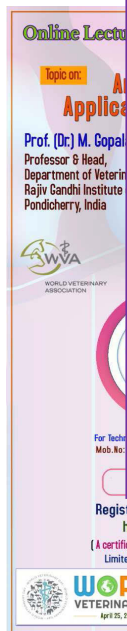


WORLD VETERINARY DAY 2020

All Kerala
PHOTOGRAPHY Competition

Programmes

1. Four day National online seminar on "Environmental protection for improving animal and human health" (24.04.2020 to 27.04.2020)
2. Online lecture series with six lectures
3. National level online paper presentation competition (08.05.2020 to 10.05.2020)
4. Proceedings of lead papers and abstracts of seminar and paper presentation competition
5. Essay writing competition- English
6. Essay writing competition- Malayalam
7. Photography competition for IVA members, under graduate students and post graduate students
8. Photography competition for farmers
9. Online quiz competition for under graduate and post graduate students of Veterinary Colleges (15.05.2020)
10. *Rinascita* – sprouting challenge competition
11. World Veterinary Day 2020 Special e-newsletter (Volume 6, Issue 2) released by the IVA, CVAS, Mannuthy Unit

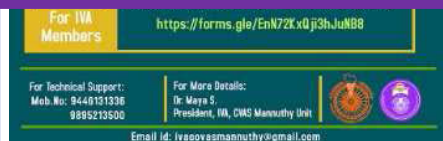


Registration open on: 29 April 2020 : 6.00 AM (IST)
<https://forms.gle/K6rJs2AEvuy0849g8>

(A certificate of participation will be issued to all who attend the Lecture)
 Limited Seats, registration will be on first come-first serve basis



INDIAN VETERINARY ASSOCIATION
 College of Veterinary and Animal Sciences
 Mannuthy Unit, Thrissur, Kerala - 680 651



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 9895213500



INDIAN VETERINARY ASSOCIATION, KERALA
 College of Veterinary and Animal Sciences
 Mannuthy Unit, Thrissur, Kerala - 680 651

2020 Special)

22 April
 2020
 Duration: 1 Hr)

ture No.

Four day National online seminar on “Environmental protection for improving animal and human health” 24.04.2020 to 27.04.2020

Day 1

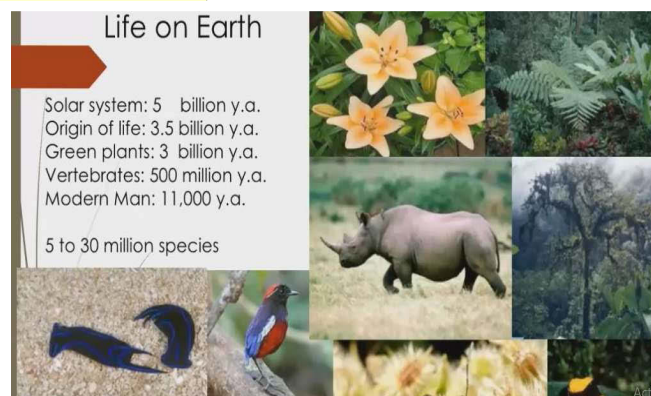
Topic - “Environmental Protection”

The four day National online seminar was officially inaugurated by Honorable Vice Chancellor of KVASU, Prof. (Dr.) M. R. Saseendranath on 24.04.2020. Programme was presided over by Dr. K. K. Thomas, President, IVA, Kerala. We were blessed with felicitations of former Deans of CVAS, Mannuthy, Prof. (Dr.) M. Krishnan Nair, Prof. (Dr.) A. Rajan, Prof. (Dr.) S. Sulochana, Prof. (Dr.) P.P. Balakrishnan, Prof. (Dr.) P. C. Saseendran and Prof. (Dr.) Sisilamma George. The present Dean, Prof. (Dr.) C. Latha also felicitated the function. The keynote address was given by Prof. P. O. Nameer, Dean, Academy of Climate change Education and Research, KAU, on the topic “Environmental Protection”. Session emphasised on the importance of environmental protection for health of human and other living beings and elicited a very productive discussion.



Prof. P. O. Nameer

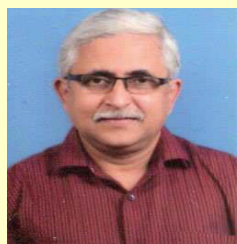
Dean,
Academy of Climate change
Education and Research, KAU



Day 2

Topic - “One health with special reference to environmental carcinogens”

The session on day 2 (25.04.2020) was inaugurated by Prof. (Dr.) Ajith Jacob George, Director of Academics and Research, KVASU. Dignitaries and delegates were welcomed by Dr. Haroon Abdul Rashid, Joint secretary, North zone, IVA and presided over by Prof. (Dr.) S. Maya, President, IVA, CVAS, Mannuthy unit. The session was felicitated by Prof. (Dr.) A. Jalaluddin and Prof. (Dr.) K. Devada, former DARs, KVASU, Prof. (Dr.) A. P. Usha, Director of farms and Prof. (Dr.) Shyam K. Venugopal, Head, Veterinary Hospital, Kokkalai. The keynote session was delivered by Dr. Sreekumar Pillai, Professor and Head, Department of Oncosurgery, Jubilee Mission Medical College, Thrissur. The topic dealt was “One health with special reference to environmental carcinogens”, an interactive session with lot of discussions.



Dr. Sreekumar Pillai

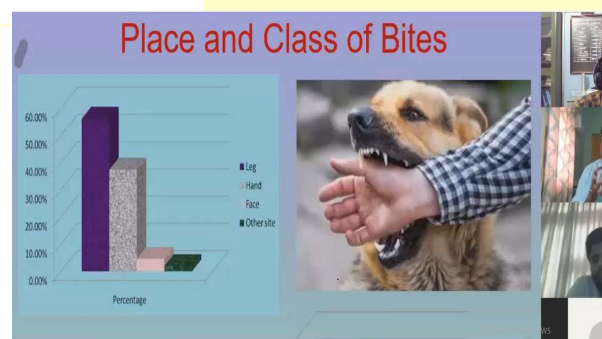
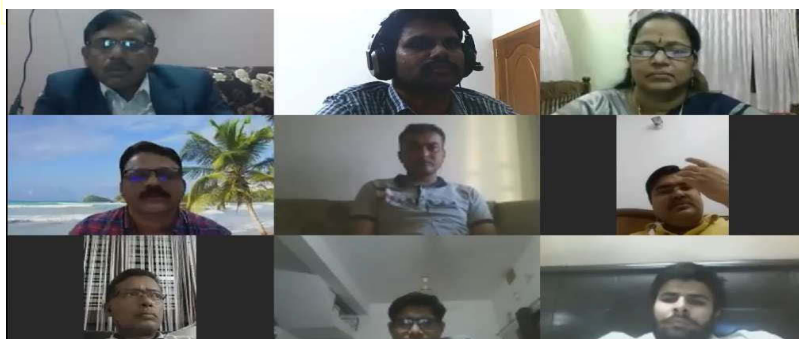
Professor and Head,
Department of Oncosurgery,
Jubilee Mission Medical
College, Thrissur

Day 3**Topic- "Environmental surveillance to understand the possible zoonotic events"**

The sessions of third day (26.04.2020) was inaugurated by Dr. N. Ashok, Registrar, KVASU. The gatherings were welcome to by Dr Mohammed Aslam, state General Secretary, IVA Kerala. Felicitations were delivered by former Registrars, Dr. C.B. Manomohan, Dr. K. P. Sreekumar and Dr. Joseph Mathew, former heads, MTU, Dr. J. Abraham, Dr. George T. Oommen and Dr. P. Kuttinarayanan, Director, CASPS, Dr. P. Anitha, Director, CASAGB, Dr. T. V. Aravindakshan and Head, MTU, Dr. B. Sunil. Keynote session was handled by Prof. (Dr.) L. Gunaseelan, Former Dean, VCRI, Namakkal on "Environmental surveillance to understand the possible zoonotic events". The session highlighted on various zoonotic diseases and it was followed by fruitful discussion.

**Dr. L. Gunaseelan**

Former Dean, VCRI,
Namakkal

**Day 3****Topic- "Emerging infectious diseases with health significance to human".**

On day 4, the valedictory function (27.04.2020) was inaugurated by Dr. C. Madhu, Registrar, Kerala State Veterinary Council. Latest issue of Journal of Indian Veterinary Association Kerala was officially released by the Honorable minister for Animal husbandry, Forest and Zoos, Adv. K. Raju by handing over a copy to Dr. K.K. Thomas, President IVA Kerala. Felicitations were delivered by Prof. (Dr.) A.K.K. Unni, former director, CASPS, Prof. (Dr.) V. Jayaprakasan, Prof. (Dr.) Leo Joseph, Prof. (Dr.) P.I. Geevarghese, Prof. (Dr.) K.Vijayakumar, former Deans, CVAS, Pookode, Prof. (Dr.) Koshy John, Dean, CVAS, Pookode, Prof. (Dr.) Girish Verma, Dean CASM, Thiruvazhamkunnu, Prof. (Dr.) P. Sudheer Babu, Dean, CDST, Mannuthy, Prof. (Dr.) V. Ramnath, former Controller of Examinations, Prof. (Dr.) K.M. Lucy, Controller of Examinations, Prof. (Dr.) Usha Narayana Pillai, former Director of Clinics, Prof. (Dr.) S. Ajith Kumar, Director of Clinics, Prof. (Dr.) K.M. Shyam Mohan, former Finance Officer, Prof. (Dr.) K. Anil Kumar, former Associate Dean, CVAS, Mannuthy. The session was handled by **Dr. J. B. Rajesh, Assistant Professor, College of Veterinary Sciences and Animal Husbandry, Central Agricultural University, Aizwal, Mizoram** on "Emerging infectious diseases with health significance to human".

**Dr. J. B. Rajesh**

Assistant Professor, College
of Veterinary Sciences and
Animal Husbandry, Central
Agricultural University,
Aizwal, Mizoram

A total of 304 delegates registered for the seminar from among various states of India. 100 delegates attended the day 1 session, 172 on day 2, 146 on day 3 and 143 on day 4.

Online lecture series

Online lecture series comprising of six lectures incorporating most relevant topics by eminent speakers across the globe was conducted. The lecture series was formally inaugurated by Prof. (Dr.) M. R. Saseendranath, Hon'ble Vice Chancellor, KVASU.

Lecture No.	Date	Speaker	Topic	Participants
1	07.04.20 5 P.M.	Dr. Annie Varghese Ph.D. (Veterinary Surgery), Veterinary Practitioner, Surgeon and an expert in companion animal practice, Thiruvananthapuram.	How cats differ? A lecture with special reference to common GI conditions.	95
2	12.04.20 6 P.M.	Dr. Sandhya Sukumaran, International Consultant, One Health, Zoonotic diseases and community surveillance, Washington DC.	Community Surveillance of Zoonotic diseases: One Health, Veterinarians and EID	90
3	19.04.20 6 P.M.	Dr. Anish D., IA&AS, Senior Deputy Accountant General, AG's Office, Thiruvananthapuram	Environment and Audit -A lecture with special reference to AG's audit in Institutions	85
4	22.04.20 6 P.M.	Dr. . Ramkumar, Dean, Rajiv Gandhi Institute of Veterinary Education and Research, Pondichery, India	Vuja de "the Veterinarian	105
5	01.05.20 5 P.M.	Dr M. Gopalakrishnan Nair, Professor and Head, Department of Veterinary Pathology, Rajiv Gandhi Institute of Veterinary Education and Research, Pondichery, India	Artificial Intelligence and its application in Veterinary Medicine	165
6	03.05.20 7 P.M.	Dr. G. Ajithkumar, DVM, MVSc, Ph.D., Post-Doc, Chief Veterinarian, DSSNW Clinic, Calgary, Alberta, Canada	Basic Canine Dentistry	245
			Total	785

Lecture No. 1



Dr. Annie Varghese

How cats differ?
A lecture with special
reference to common
GI conditions

Lecture No. 2



Dr. Sandhya Sukumaran

**Community
surveillance of
zoonotic diseases: One
Health, Veterinarians
and EID**

Lecture No. 3



Dr. Anish D.

**Environment and audit -
A lecture with special
reference to AG's audit
in institutions**

Online lectures - a series of 6 lectures by eminent speakers.....

Lecture No. 4



Dr. S. Ramkumar

**Vuja de "the
Veterinarian"**

Lecture No. 5



Dr. M. Gopalakrishnan Nair

**Artificial Intelligence
and its application in
Veterinary Medicine**

Lecture No. 6



Dr. G. Ajithkumar

**Basic canine
dentistry**

National level online paper presentation competition

Online paper presentation on four different sessions, Basic Veterinary Science, Animal Science, Clinical Sciences-I and Clinical Sciences-II were completed in a successful manner. This forms the first of its kind in the country, organised by Indian Veterinary Association, Mannuthy unit in association with Indian Veterinary Association, Kerala and Kerala Veterinary and Animal Sciences University. This platform was utilised by researchers from all over the country.

	Session I Basic Veterinary Science	Session II Animal Science	Session III Clinical Sciences-I	Session IV Clinical Sciences-II
Chief Guest	Dr. R. V. Prasad, Former Vice Chancellor, KVAFSU	Dr. G. Mukundan, Former Director, CASAGB	Dr. John Kirubaharan, Dean, Madras Veterinary College	Dr. T. S. Chandrasekhara Rao Dean of Veterinary Science, Sri Venkateswara Veterinary University, Tirupathi
Chair	Dr. K. Devada Professor and Head Department of Veterinary Parasitology	Dr. P. Anitha Director, CASPS	Dr. N. Gopakumar Former Professor and Head, Department of Pharmacology	Dr. Usha P.T.A Professor and Head, Department of Pharmacology
Co chair 1	Dr. V. Ramnath Professor and Head Department of Veterinary Physiology	Dr.C.T. Sathian Professor and Head, Department of Dairy Science	Dr. K.Vijayakumar Professor and Head, Department of Epidemiology and Preventive Medicine	Dr. K.D. John Martin Professor and Head, Department of Veterinary Surgery and Radiology
Co chair 2	Dr. K.M. Lucy Controller of Examinations, KVASU	Dr. B. Sunil Professor and Head, Meat Technology Unit, Mannuthy	Dr. S. Anoop Associate Professor, Department of Veterinary Surgery and Radiology	Dr. C. Jayakumar Associate Professor, Department of Animal Reproduction Gynaecology and Obstetrics
Rapporteur	Dr. P. M. Priya Assistant Professor, Department of Microbiology	Dr. Lali F. Anand Assistant Professor, Department of Animal Genetics and Breeding	Dr. R.S. Abhilash Assistant Professor, Department of Animal Reproduction Gynaecology and Obstetrics	Dr. Rathish R. L. Assistant Professor, Department of Epidemiology and Preventive Medicine
No. of papers presented	33	29	42	38

Session-I- Basic Veterinary Sciences

A mock session was arranged before the commencement of the actual presentation to familiarise the new platform for the presenters. A total of 33 participants, comprising 23 faculty members and 10 students presented their research work. Participants from 10 different states were actively involved and presented in an effective manner without much internet disturbances.

Almost all the participants had their online presentation for the first time and they felt convenient and comfortable. The session had uniform distribution of presenters from different disciplines categorised under the Basic Veterinary Sciences. The abstracts and power points were prepared well and presented in an accessible manner. The paper presentation competition was evaluated in two categories: faculty and others as first and students as second category.

Knowledge was gained on digitalisation in teaching Veterinary Anatomy replacing the conventional method of inhumane sacrifice of animals. The presenter highlighted the advantages of the technique as cost effective, eco-friendly and permanently durable.

Usage of IFN-Lambda-3 as immunomodulator to boost the host immune response against Foot and mouth disease virus, by *in-vivo* and *in-vitro* was well elaborated.

With the help of recent and advanced methods, several unexplored urinary antimicrobial peptides could be characterised, and could be employed as an alternative to antibiotics to overcome the antimicrobial resistance among animals and humans.

Identification of ecto and endo parasites among wild animals and characteristic structural details of human ticks using scanning electron microscopy were also discussed.

Chief Guest

Dr. R. V. Prasad,
Former Vice Chancellor,
KVAFSU

Chair

Dr. K. Devada
Professor and Head,
Department of Veterinary
Parasitology

Co chair 1

Dr. V. Ramnath, Professor and
Head, Department of
Veterinary Physiology

Co chair 2

Dr. K.M. Lucy,
Controller of Examinations,
KVASU

Rapporteur

Dr. P. M. Priya
Assistant Professor, Department
of Microbiology

No. of papers presented







33

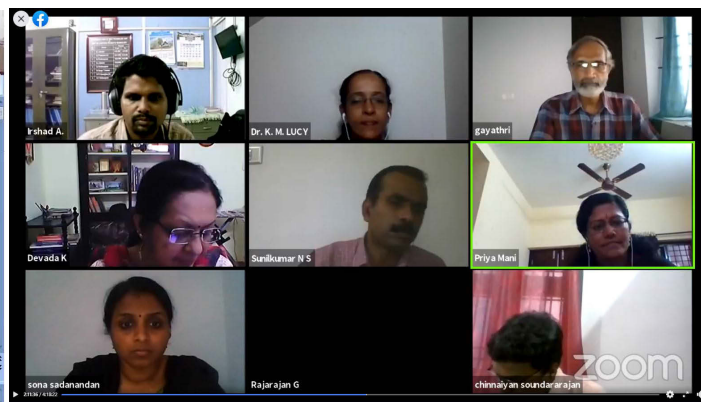
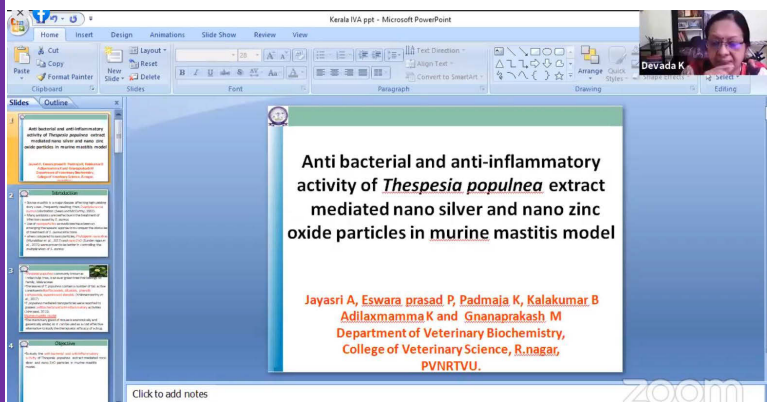


Award winners - Session-I

FACULTY AND OTHERS		Title of paper	Affiliation
 Dr. Bharathiraja S.		Expression and purification of biologically active bovine interferon lambda-3	Assistant Professor (C) Dept. of VBC, RIVER, Kurumbapet, Puducherry
 Dr. S. S. Shiji		Comparison of expression pattern of <i>cyp19</i> in different categories of ovarian antral follicles in Malabari and Attappady black breeds of goat	Former M.V.Sc. Student, Department of Veterinary Physiology, CVAS, Mannuthy
 Dr. Sona P.		Ultra-structure and physicochemical properties of feather fibres of turkey (<i>Meleagris Gallopavo</i>)	Former M.V.Sc. Student, Department of Veterinary Anatomy, CVAS, Mannuthy
 Dr. Gudewar J. G.		<i>In-vitro</i> evaluation of three bacterial bio-control agents against larval stages of <i>Lyperosia-Haematobia</i> complex (Diptera: <i>Muscidae</i>)	Assistant Professor, Dept. of Parasitology, Parbani
 Dr. K. Syamala		Addressing sustainable goat farming in Kerala: application of combined targeted selective treatment approach to manage anthelmintic resistance	Assistant Professor, Department of Veterinary Parasitology, CVAS, Mannuthy

Award winners - Session-I

STUDENTS CATEGORY		Title of paper	Affiliation
 Dr. Kour K.		Real Time PCR typing of Canine Parvovirus Type/S in various regions of Northern India	M.V.Sc Scholar, Department of Microbiology, GADVASU, Ludhiana
 Dr. Alphine Joseph		Structure and properties of duck feather barbs as natural protein fibers	Ph.D. Scholar, Department of Veterinary Anatomy, CVAS, Mannuthy
 Dr. Rajan R.		Soft tissue sarcoma in a geriatric dog: a necropsy report	M.V.Sc. Scholar, Department of Veterinary Pathology, RIVER, Puducherry



Session II- Animal Sciences

A total of 29 participants (21 in faculty and others group and 8 in students group) presented their research findings in this session.

Discussions on farm management of different livestock species: cattle, small ruminants, pig, rabbits and poultry were made.

Topics were presented on various aspects of animal nutrition, animal genetics, value added dairy products and meat processing.

Presenters discussed topics on public health implication like occurrence of *Campylobacter* in pig farms

Paper on impact of COVID-19 lockdown on dairy farmers generated much discussion

Problems and possible management practices in livestock sector in the present scenario of COVID-19 were discussed.

Chief Guest

Dr. G. Mukundan,
Former Director, CASAGB,
Mannuthy

Chair

Dr. P. Anitha
Director, CASPS, Mannuthy
Dr.C.T. Sathian
Professor and Head,
Department of Dairy Science,
CVAS, Mannuthy

Co chair 1

Co chair 2

Dr. B. Sunil
Professor and Head, Meat
Technology Unit, Mannuthy
Dr. Lali F. Anand

Rapporteur







Assistant Professor,
Department of Animal
Genetics and Breeding, CVAS,
Mannuthy

No. of papers
presented







29



Award winners - Session-II

FACULTY AND OTHERS		Title of paper	Affiliation
 Dr. Tony Jose		Supplementation of Jerusalem artichoke derived bioactives in the diet for healthy wistar rats: an exploratory study	Veterinary Surgeon, Department of Animal Husbandry, Kerala
 Dr. Biya Ann Joseph		Effect of ameliorative measures on the temperature – humidity index in rabbitry	Assistant Professor, Department of LPM, CVAS, Mannuthy
 Dr. Rita Narayanan		Promising properties of probiotics as dietary adjuncts	Professor, Department of Food processing and Technology, College of Food and Dairy Technology, Koduvalli, Chennai

STUDENTS CATEGORY

 Vivekanandhan R.		Occurrence of thermophilic <i>Campylobacter</i> spp. in pig farms in Thrissur, Kerala	Ph.D. Scholar, Department of Veterinary Public Health, CVAS, Mannuthy
 Safeer M. Saifudeen		Application of linear discriminant function analysis in classification of bovine mastitis	Ph.D Scholar, Department Of Animal Genetics And Breeding, CVAS, Mannuthy
 Narayanan. S. B.		Assesssing the impact of COVID-19 lockdown on dairy farmers	Ph.D. Scholar, Department of Veterinary Public Health, RIVER, Puducherry

Session III- Clinical Sciences I

A total of 42 participants, comprising 15 faculty members and 27 students presented their papers. The session had research papers and case presentation from the subjects like clinical medicine, preventive medicine, surgery and gynaecology.

Reports on “Surgical correction of foreign body obstruction in a parrot” and “Study on dexmedetomidine- butorphanol- midazolam- ketamine anaesthesia in captive sloth bears” were interesting.

Papers presented on “Peotomy, urethrostomy and cystotomy for surgical management of chronic urolithiasis and penile necrosis”, “Inducing abortion in elephant” and “Surgical and medical management of keratomalacia in a Malabari kid due to distichiasis” were informative.

Presentation on selection of oocyte and embryo quality a key to successful animal reproduction and impact of environmental adversities on animal reproduction evoked discussion.

There were fruitful discussions held in each and every presentation and deliberations in the session will be helpful for the clinicians and researchers for planning of research and for improving their clinical skill.

Chief Guest

Dr. John Kirubaharan,
Dean, Madras Veterinary
College

Chair

Dr. N. Gopakumar
Former Professor and Head,
Department of Pharmacology
Dr. K. Vijayakumar
Professor and Head,
Department of Veterinary
Epidemiology and Preventive
Medicine

Co chair 1

Co chair 2

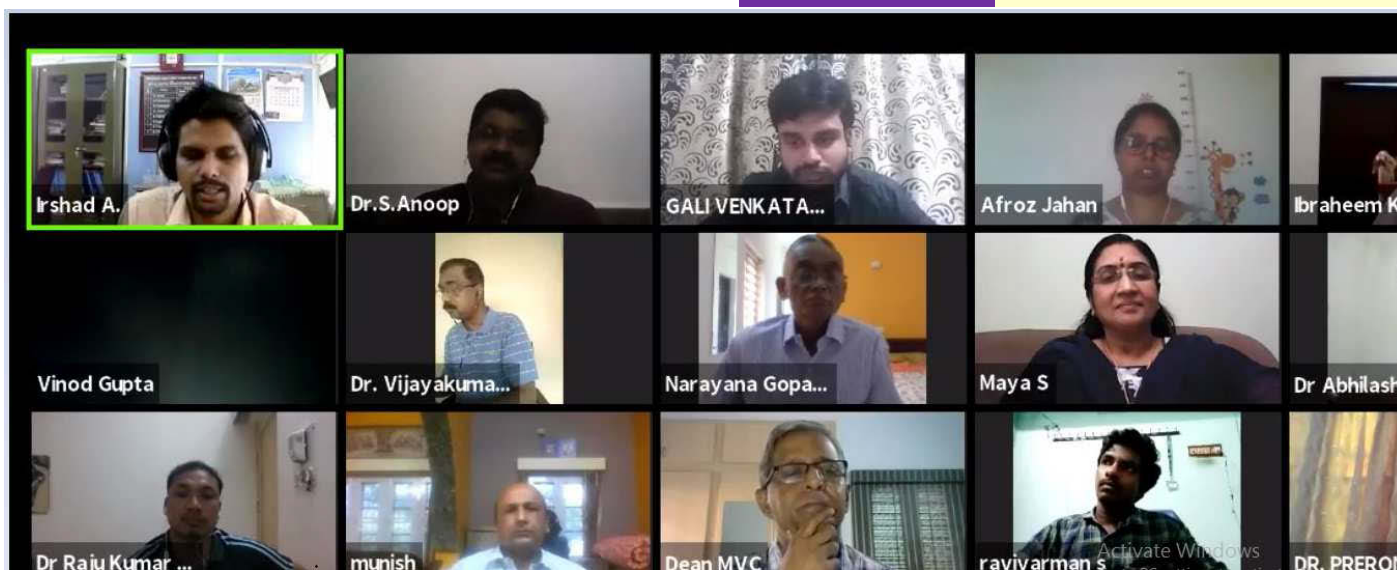
Dr. S. Anoop
Associate Professor,
Department of Veterinary
Surgery and Radiology

Rapporteur

Dr. R.S. Abhilash
Assistant Professor,
Department of ARGO, CVAS,
Mannuthy

**No. of papers
presented**

42



Award winners - Session-III

FACULTY AND OTHERS		Title of paper	Affiliation
 Dr. Nithin C.J.		Surgical and medical management of keratomalacia in a malabari kid due to distichiasis	Veterinary surgeon, Veterinary dispensary, Maikavu, Kozhikode
 Dr. Sudheesh S. Nair		Peotomy, urethrostomy and cystotomy for surgical management of chronic urolithiasis and penile necrosis in a mongrel dog	Assistant Professor, Department of Veterinary Surgery and Radiology, CVAS, Mannuthy
 Dr. Varsha Mary Mathai		Clinical presentation and laboratory findings in cats evaluated for dermatological affections	Emergency Veterinary Surgeon, VPC, Thaliparamba, Kerala

Award winners - Session-III

STUDENTS CATEGORY		Title of paper	Affiliation
 Dr. Amitha Banu S		Surgical management of compound distal fracture of humerus in a white dove (<i>Columba livia domestica</i>)	M.V.Sc. Scholar, Division of Surgery, Indian Veterinary Research Institute, Izatnagar, Bareilly, Uttar Pradesh
 Mr. Giridharan S		Surgical management of hemangiosarcoma in a Kathiawari horse	V B.V.Sc. & AH student, Veterinary College And Research Institute, Tirunelveli-627358
 Mr. Gali Venkata Sriharsha		Surgical extraction of unshed molar tooth in an Asiatic elephant (<i>Elephas maximus</i>)	V B.V.Sc. & AH student, Veterinary College and Research Institute, Orathanadu, Thanjavur
 Dr. Vigneshwaran. S		Surgical management of ocular squamous cell carcinoma in a non-descript geriatric dog	Ph.D. Scholar, Department of Veterinary Surgery and Radiology, Veterinary College and Research Institute, Namakkal

Session IV- Clinical Sciences II

The chief guest of the session, Dr. Chandrasekhara Rao, Dean, Thirupathi Veterinary College, addressed the importance of one health and the need for ensuring minimal environmental contamination by animal waste and animal associated products, including veterinary drugs. He also insisted that the need of the hour is for the veterinarians to associate with conservationists and conservation biologists to ensure one health. A total of 54 papers were selected for presentation. Among these, three were full-length research papers and others were abstracts.

Out of the eleven papers selected from faculty, six were presented. The presentations on review of treatment modalities in treating transmissible venereal tumor, management of vaginal fold prolapse in dogs and management of heat stroke in a dog were very informative.

Among 43 papers selected from students, 30 were presented in the session. Majority of the papers were discussed individual cases rather than population studies.

Moist dressing for a contaminated and necrotic bite wound in a dog using combination of magnesium sulphate, sulphacetamide and urea along with zinc oxide along with systemic oral antibiotic and serratiopeptidase resulted in a speedy improvement of the condition and regeneration of skin tissue by 10 days of treatment.

Study on fungal pathogens isolated from uterine and vaginal mucosa from cows and buffaloes suffering from uterine infections revealed 40 fungal isolates, of which 30 belonged to *Aspergillus* spp. especially *A. flavus*.

Chief Guest

Dr. T. S. Chandrasekhara Rao
Dean of Veterinary Science, Sri Venkateswara Veterinary University, Tirupathi

Chair

Dr. Usha P.T.A
Professor and Head, Department of Pharmacology, CVAS, Mannuthy

Co chair 1

Dr. K.D. John Martin
Professor and Head, Department of Veterinary Surgery and Radiology

Co chair 2

Dr. C. Jayakumar
Associate Professor and Head, Department of ARGO, CVAS, Mannuthy

Rapporteur





Dr. Rathish R. L.
Assistant Professor, Department of Veterinary Epidemiology and Preventive Medicine, CVAS, Pookode

No. of papers presented

38



Award winners - Session-IV

FACULTY AND OTHERS		Title of paper	Affiliation
 Dr. Ramya P.		Molecular characterisation of shiga toxin producing <i>Escherichia Coli</i> (STEC) from animal and human faecal samples	Assistant Professor, Dept. of VPE, College of Veterinary Science, Proddatur, SVVU, Tirupathi.
 Dr. Sarita Devi		Hyperkalemia associated electrocardiographic changes in buffalo calves affected with diarrhoea	Assistant Professor, CVS & A.H., Sardarkrushinagar Dantiwada Agricultural University (SDAU), Sardarkrushinagar, Gujarat.
 Dr. Somaskandan G.		Discussion on clinical management of heat stroke in a dog	Veterinary Dispensary, Nagarasampatti, Krishnagiri Division, Tamilnadu Animal Husbandry Department

Award winners - Session-IV

STUDENTS CATEGORY		Title of paper	Affiliation
 Dr. Sophia Xavier		Timing and outcome of elective multiple caesarean in dogs	M.V.Sc Scholar, Dept. of Animal Reproduction, Gynaecology and Obstetrics, College of Veterinary and Animal Sciences, Mannuthy
 Dr. Jasleen Kour		Study of mycoflora isolated from reproductive tract infections of cattle and buffaloes in Punjab region	M.V.Sc. Student, Dept. of Veterinary Microbiology, GADVASU, Ludhiana
 Dr. Lavanya B.		Pylorectomy with gastroduodenostomy (billroth i procedure) for surgical management of pyloric stenosis in a pup	M.V.Sc. Scholar, Department of Veterinary Surgery and Radiology, College of Veterinary and Animal Sciences, Mannuthy, Thrissur, Kerala
 Ms. Pratickshaa P.		Surgical management of diaphragmatic hernia in a pup	Final year B.V.Sc. & AH student, Madras Veterinary College, Chennai

Proceedings of the National Seminar

National Online Seminar on
ENVIRONMENTAL PROTECTION FOR
IMPROVING ANIMAL AND HUMAN HEALTH

&
National level
Online Paper presentation competition

24th to 27th April 2020 and 8th to 10th May 2020



Proceedings



INDIAN VETERINARY ASSOCIATION, KERALA
KERALA VETERINARY AND ANIMAL SCIENCES UNIVERSITY
IVA CVAS MANNUTHY UNIT

IVA - KVASU
Proceedings of National online seminar &
National level online paper presentation competition
2020

National Online Seminar on
"Environmental protection for improving
animal and human health"
& National Level Online Paper Presentation Competition



Organized by

Indian Veterinary Association, Kerala
Kerala Veterinary and Animal Sciences University (KVASU) &
Indian Veterinary Association, CVAS Mannuthy



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National Online Seminar on
"Environmental protection for
improving animal and human health"
&
National Level Online Paper Presentation Competition
(24 - 27 April & 8 - 10 May, 2020)

Proceedings

Organized by

Indian Veterinary Association, Kerala
Kerala Veterinary and Animal Sciences University (KVASU) &
Indian Veterinary Association, CVAS Mannuthy

Environmental Protection for Improving Animal and Human Health
Proceedings of National online seminar and national level online paper presentation competition

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Prof. (Dr.) M. R. Saseendranath,
Hon'ble Vice Chancellor
Kerala Veterinary and Animal Sciences University

Message

World Veterinary Day is an occasion to commemorate the impact of activities of veterinarians to improve the health of animals and human beings. It is obvious that there is an inseparable link between environmental, human and animal health leading to "One health" approach, which is gaining much attention these days. The theme for discussion during World Veterinary Day 2020 is 'Environmental protection for improving animal and human health'. In this juncture the Indian Veterinary Association, Kerala, in association with Kerala Veterinary and Animal Sciences University (KVASU) and IVA, CVAS Mannuthy are jointly organizing an Online - Four-day National Seminar from 24th to 27th April, 2020. The various important topics pertinent to the present scenario will be dealt with in the seminar. I wish this online National Seminar to be a fruitful one to all the participants. I congratulate the organizers and wish them all success.

Prof. (Dr.) M. R. Saseendranath

MESSAGE

Essay writing competition- English

Theme : Health through environment protection

On a 'One Health' perspective, environmental, human and animal health is inextricably linked. In order to promote awareness on environmental protection for improving animal and human health among school children, college students, general public and veterinarians, the unit has organised essay writing competition. As we are all aware, the entire world is passing through the hard phase of COVID- 19 pandemic and due to this the competitions were through online mode. A total of 64 entries were received for the essay writing competition. Each category was judged by a panel of three judges and the first, second and third prize with certificates and cash prize were awarded to the winners.

Group 1 – High school students

1st Prize



Gowri S.

Class IX, Kendriya Vidyalaya,
Ramavarmapuram, Thrissur

2nd Prize



Ridhi Suresh

Class VIII, Bharatiya Vidya
Bhavan, Poochatty, Thrissur

3rd Prize



Steven Itti Leon

Class X, Harisree Vidyanidhi
School, Poonkunnam

Group 2 – Higher secondary school students

1st Prize



Amaldev N. D.

Class XII, GHSS,
Poonkunnam, Thrissur

2nd Prize



Viswajith S. Nambiar

Class XII, AKAS Govt. VHSS,
Payannur, Kannur

3rd Prize



Sreehari E. S.

Saraswathy Vidyanikethan
Centrl School, Perambra,
Thrissur

Essay writing competition- English
Theme : Health through environment protection

Group 3 – Under graduate and post graduate students

1st Prize



Dr. Demian C. Johnson
M.V.Sc. Scholar, CVAS,
Mannuthy

2nd Prize



Ms. Fathima M.
B.V.Sc. & AH Student,
CVAS, Mannuthy

3rd Prize



Ms. Divya Soni
B.V.Sc. & AH Student,
CVS & AH, Junagarh, Gujarat

Group 4– IVA Members

1st Prize



Dr. Annie Navomi Philip,
Veterinary Surgeon, Veterinary
Dispensary, Thachanattukara,
Palakkad

2nd Prize



Dr. R. Unnikrishnan,
Veterinary Surgeon, Veterinary
Dispensary, Vaduthala,
Alappuzha

3rd Prize



Dr. V. L. Bhagyalakshmi,
Veterinary Surgeon, Veterinary
Dispensary, Aruvikkara,
Thiruvananthapuram

Essay writing competition- Malayalam

Theme : പരിസ്ഥിതിസംരക്ഷണത്തിന്റെ ആനുകാലിക പ്രവർത്തനം

Group I – High school students

1st Prize



Nayan Sreeparvathy
Class X, Kulapathi Munshi
Bhavan's Vidya Mandir,
Pottore, Thrissur

2nd Prize



Nineeta C. Naveen
Class VIII, Lord's Academy
ICSE School,
Varanadarapally, Thrissur

3rd Prize



Samvrutha N. S.
GHS, Kodakara, Thrissur

Group 3 – Under graduate and post graduate students

1st Prize



Ms. Aiswarya V. Vijay
B.V.Sc. & AH Student
CVAS, Mannuthy



Ms. Resmi K. M.
B.V.Sc. & AH Student
CVAS, Pookode

2nd Prize



**Mr. Muhammed Ajmal
A.K., B.V.Sc. & AH
Student, CVAS, Pookode**

3rd Prize



Ms. Remya M.
B.V.Sc. & AH Student,
CVAS, Mannuthy

Essay writing competition- Malayalam

Theme : പരിസ്ഥിതി സംരക്ഷണത്തിന്റെ ആനുകാലിക പ്രസക്തി

Group 4- IVA Members

1st Prize



Dr. Mohammed Asif
M.V.Sc. Scholar, Dept. of
AHE, CVAS, Mannuthy

2nd Prize



Dr. Jyothish Babu
Senior Veterinary Surgeon,
Veterinary Hospital,
Panthalam

3rd Prize



Dr. Seena T. X.
Assistant Professor, Cattle
Breeding Farm,
Thumboormuzhy

**WORLD VETERINARY DAY 2020
ESSAY WRITING COMPETITION**

Topic on :
"Health through environmental protection" (for English)
"പരിസ്ഥിതി സംരക്ഷണത്തിന്റെ ആനുകാലിക പ്രസക്തി" (for Malayalam)

The Indian Veterinary Association, Kerala, in association with Kerala Veterinary and Animal Sciences University (KVASU) is jointly organizing variety of events in connection with World Veterinary Day 2020 at the College of Veterinary and Animal Sciences, Mannuthy, Thrissur, Kerala.

On a 'One Health' perspective, environmental, human and animal health is inextricably linked. Negative effects to our environment will ultimately affect human and animal well-being.

In order to promote awareness on Environmental protection for improving animal and human health among school children, College Students and Members, we are planning to organize Essay Writing Competitions. The entire world is passing through the hard phase of COVID- 19 pandemic. In this juncture the competitions are conducted in an online mode.

Organized by:
**INDIAN VETERINARY ASSOCIATION, KERALA &
KERALA VETERINARY AND ANIMAL SCIENCES UNIVERSITY**

IVA, CVAS Mannuthy, Thrissur

WVD - 2020

Winners will be awarded with cash prize, certificate and memento

Participation Certificates for All

& Free Participation to Our All Seminars and Programmes of the Year 2020

Last Date 24th April 2020

CATEGORIES FOR COMPETITION

01	Malayalam & English	High school students Max. 1500 - 2000 Words
02	Malayalam & English	Higher secondary students Max. 2000 - 3000 Words
03	Malayalam & English	Under Grads & PG Max. 3000 - 5000 Words
04	Malayalam & English	Members of IVA Max. 3000 - 5000 Words

Guidelines - What to do?

1. Write an Essay in English or Malayalam on the topic specified
2. Send the Essay to us:
- By Email: ivacovasmannuthy@gmail.com
- By WhatsApp number: 9400651567 (Dr. Divya P D)
3. Last Date: 24 April 2020.

Instructions

- Essay must be Handwritten or typed in English or Malayalam,
- The entries should be supported with details of the participant, Phone number, and copy of School/College identity card,
- Decision of judges will be final & no review request will be entertained,
- Contest is open ONLY to Indian Students residing in India,
- IVA will be paid to winners for participation in Award Ceremony,
- No Participation Fee or any other Fee at any stage,
- Further Queries- Dr. Divya P D - 9400651567
Dr. Irshad A. - 9895213500

WORLD VETERINARY DAY 2020

Photography competition

Theme - *Healthy people, healthy animals, healthy environment*

IVA Members and students



Congratulations

**WORLD VETERINARY DAY 2020
PHOTOGRAPHY COMPETITION**
(For IVA Members & UG, PG Students)



First prize	Second Prize	Third Prize	Third Prize
			
Dr. Dilip Falgunan District Epidemiologist Animal Disease Control Project Wayanad District, Kerala India	Dr. CK Faslu Rahman MVSc Scholar, Division of LPT Indian Veterinary Research Institute, Izatnagar, UP, India	Dr. Uma R. Assistant Professor CVAS, Mannuthy KVASU	Dr. P.V. Mohanan Rtd. Assistant Director, AHD, Kerala

Livestock farmers



Congratulations

**WORLD VETERINARY DAY 2020
PHOTOGRAPHY COMPETITION
FOR LIVESTOCK FARMERS**



First prize	Second Prize	Third Prize
		
Mr. Shihab P. Pambantakath House Parappanangadi Malappuram	Mr. Anoop A. Eacharath House, Anand Nagar, Puthurkara, Ayyantnhole P O, Thrissur - 680003 Kerala.	Mr. Subeesh M. Pariyapuram P.O., Tanur Malappuram,

Award winning photos



Unconditional Love- Love has no boundaries, no distance, no reason bringing people and nature closer

©Dr. Dilip Falgunan



Healthy people, healthy animals, healthy environment

©Dr. C. K. Faslu Rahman



Impala on fire

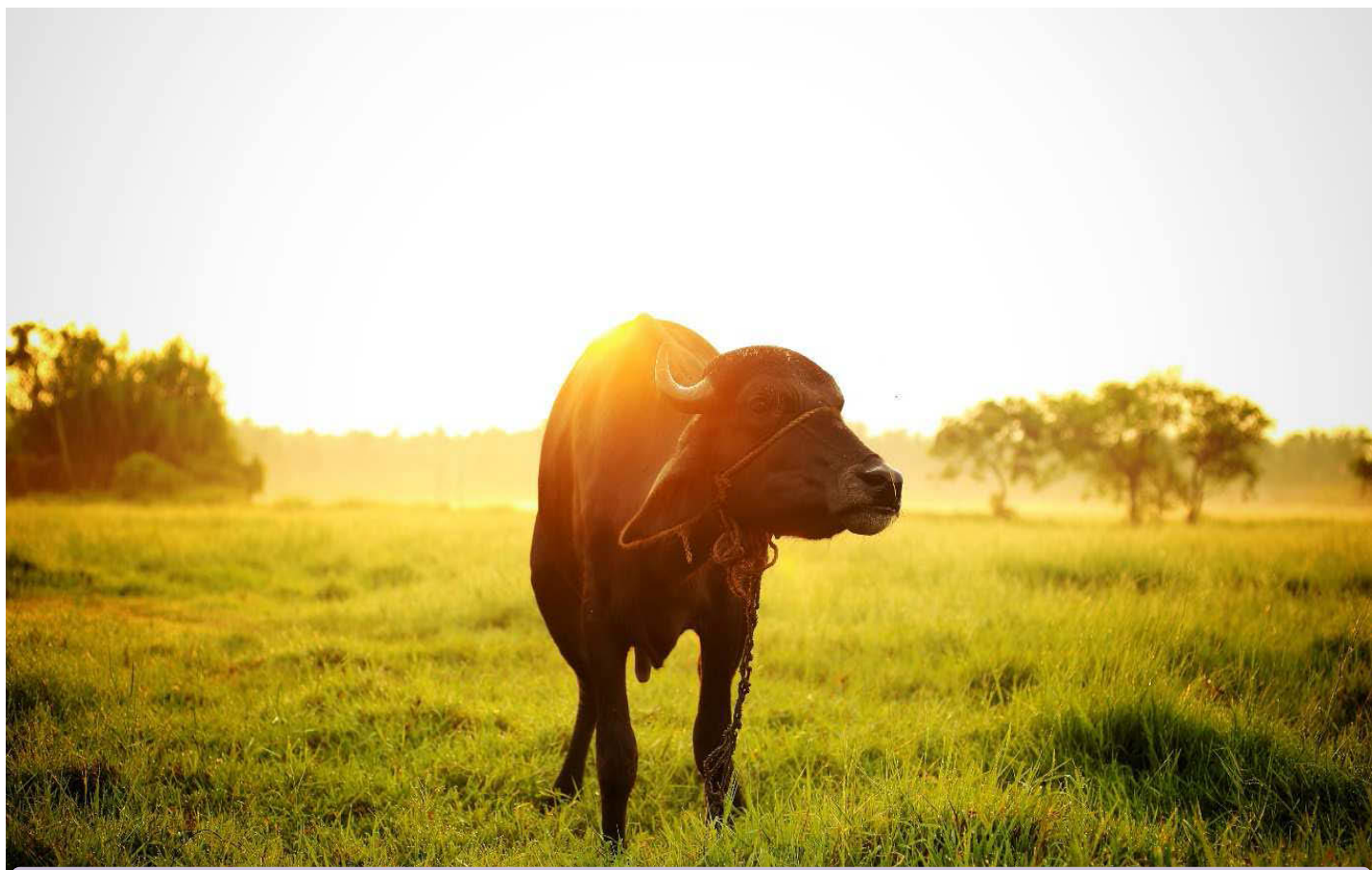
©Dr. P. V. Mohanan



*Together for nature-
through thick and thin*

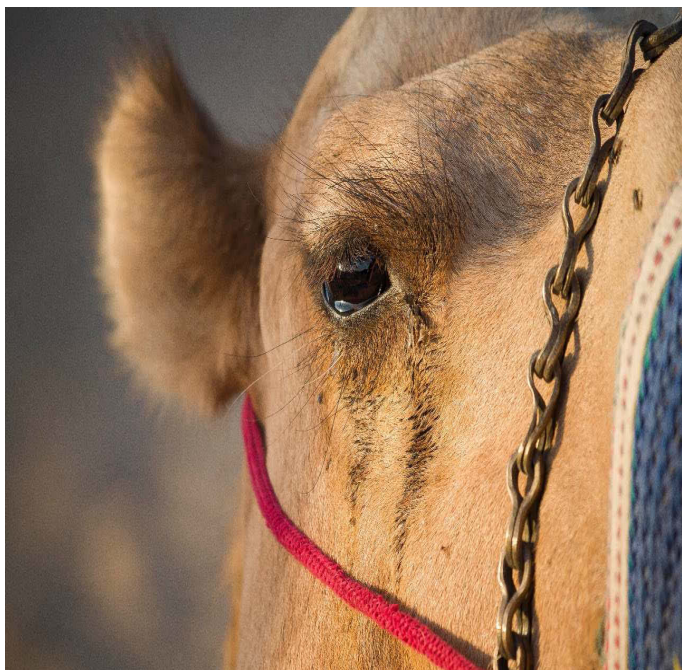
©Dr. Uma R.

A total of 75 entries were received for the online photography competition. Each category was judged by a panel of three judges and the first second and third prize with certificates and cash prize were awarded to the winners.



Sunrise

©Mr. Shihab P.



Tears of captivity

©Mr. Anoop A.



പൊള്ളുന്നവെയിലിൽ പാടം മുത്തറിക്കുന്ന പോത്തുകളുടെ
ശരീരം വെള്ളമൊഴിച്ച് തണുപ്പിക്കുന്ന കർഷകൻ

©Mr. Subeesh M.

Online quiz competition

Online quiz competition for under graduate and post graduate students of Veterinary Colleges was conducted on 15.05.2020. A total of 46 students registered as contestants for the programme. An online preliminary examination was conducted. Among them, 10 contestants who scored maximum were selected for the final round. The programme was led by the quiz masters, Dr. (Maj.) Sudheesh S. Nair, Dr. A. Prasad and Dr. Justin Davis. Around 130 students and faculty across the country participated in the programme as audience. The contestants secured first, second and third position were awarded certificates and cash prizes.

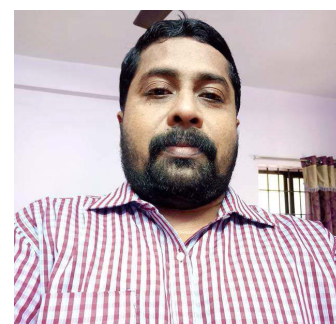
Quiz Masters



Dr. (Maj.) Sudheesh S. Nair
Assistant Professor, Dept. of
Veterinary Surgery and
Radiology, CVAS, Mannuthy



Dr. Prasad A.
Assistant Professor, Dept. of
Livestock Production
Management, CVAS, Mannuthy



Dr. Justin Davis
Assistant Professor, Dept. of
Livestock Production Management,
CVAS, Mannuthy

Winners



1st Prize

Mr. Akhilnath
V B.V.Sc. and AH,
CVAS, Mannuthy



2nd Prize

Mr. Sachin Manoj
III B.V.Sc. and AH,
CVAS, Mannuthy

3rd Prize



Ms. Anjali Sekharan
V B.V.Sc. and AH,
CVAS, Mannuthy



Mr. Rony S. Emmanuel
V B.V.Sc. and AH,
CVAS, Mannuthy



Mr. Nakul P.
V B.V.Sc. and AH,
CVAS, Mannuthy

Rinascita – sprouting challenge competition

We are responsible to safeguard the environment for future generations. Our actions should be beneficial to mitigate the effects of climate changes and also to ensure and support the responsible use of natural resources essential for protecting human and animal health. In this context, IVA, Mannuthy unit has organised a sprouting challenge competition to encourage ourselves and our family members to spend a little time with our mother nature. During this hard phase of COVID-19 pandemic, going back to nature will give all of us a feeling of rebirth from the stress and insecurity what we are facing now.

Rinascita= rebirth (Italian)

Theme: With environment to make a healthy environment



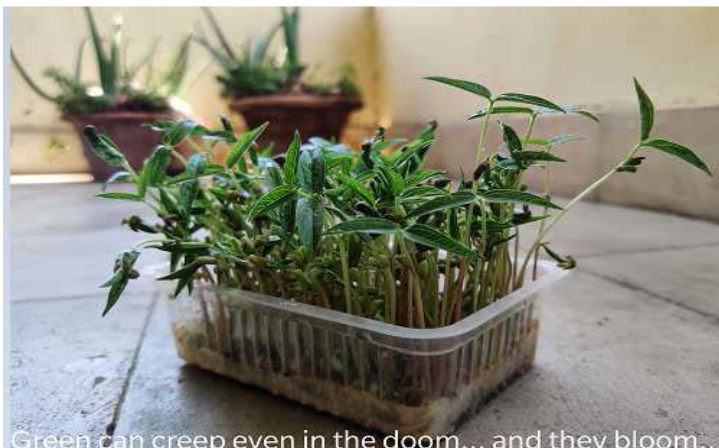
1

Parvathi Manjari
D/o Dr. S. Harikumar,
Assistant Professor,
Department of LPM
CVAS, Mannuthy



2

Sarah Elizabeth Leon
Merina Lucy Leon
Daughters of Dr. Biya
Ann Joseph,
Assistant Professor,
Cattle Breeding Farm,
Thumburmuzhi



3

Roshni B.R.
B.V.Sc. & AH
student,
CVAS, Mannuthy



CHIEF EDITOR'S MESSAGE

Being the chief editor of the newsletter of IVA, CVAS, Mannuthy unit, I feel so proud to be involved in this World Veterinary Day special issue. Our mission is to publish reports on various activities of the unit. The e-newsletter is published at quarterly intervals and first issue was published in March 2020. Since the unit has conducted a series of events during the past two months as part of WVD 2020, this issue which gives a detailed note on all these programmes becomes inevitable apart from our routine issues. I thank the office bearers and members of the unit for the unconditional cooperation.

Regards,
Dr. P. V. Tresamol

FROM THE EDITOR

I am so honoured to be the editor of e-newsletter of IVA, Mannuthy unit, during the year 2020. As a part of WVD celebrations, the unit has conducted a series of programmes in association with IVA, Kerala and KVASU in an online mode. Hence, editing this special issue that highlights these activities was not an easy task. I believe that I could do justice to the responsibility assigned to me. At this juncture, I would like to express my sincere gratitude to all the office bearers and the editor-in-chief for the whole hearted support extended to me.

Thank You
Dr. Ambily R.



Upcoming Events

“സംവത്സരങ്ങളിലൂടെ...”

Inviting creative contributions (in English, Malayalam or Hindi) from the members to the souvenir “Samvatsarangaliloode”

Please send to ivacovasmannuthy@gmail.com before May 31st, 2020

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