



# The Para Sight

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Indian Association for the Advancement of Veterinary Parasitology



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## Partoon !

Urban birds use cigarette butts to get rid of us

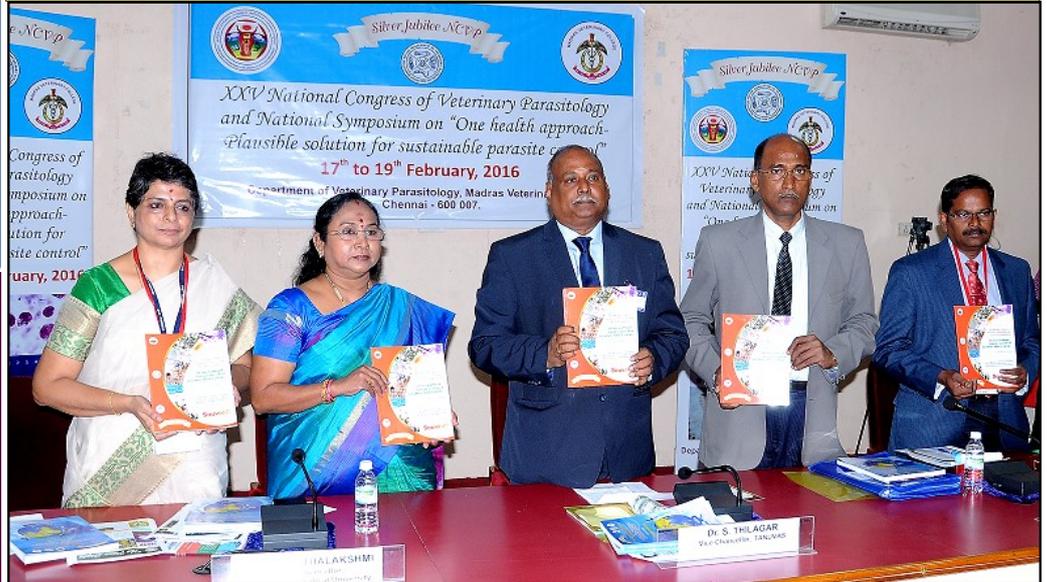
What to do now?



Enka P. Robert

<https://02varvara.files.wordpress.com>

## SILVER JUBILEE NCPV TOOK PLACE IN STYLE AT MADRAS VETERINARY COLLEGE, CHENNAI



Release of Compendium at the hands of Hon. Vice-Chancellor of TNMGRMU Dr. S. Geethalakshmi, Hon Vice-Chancellor of TANUVAS Prof. Dr. S. Thilagarv, with Dr. J.D. Ghosh, President IAAVP, Dr. C. Rayulu, General Secretary IAAVP and Dr Bhaskaran Ravi Latha, Organizing Secretary.

### Chennai :

**(Dr Bhaskaran Ravi Latha)**

The 25th National Congress of Veterinary Parasitology under the aegis of Indian Association for the advancement of Veterinary Parasitology (IAAVP) and National symposium on "One health approach - plausible solution for sustainable parasite control".

was organized by the Department of Veterinary Parasitology, Madras Veterinary College at Chennai, from 17th to 19th February 2016. This three day conference was attended by both medical and veterinary scientists, faculty members and students. Dr. S. Geethalakshmi, Vice Chancellor, The Tamil Nadu Dr. M.G.R. Medical

University was the chief guest and Prof. Dr. S.Thilagar, Vice Chancellor, TANUVAS presided over the inaugural function on 17.02.2016. Dr. J.D. Ghosh, Vice president and Dr. V. Chengalvarayulu, Joint Secretary of IAAVP highlighted on the various activities of the association. A souvenir and

Continued on page ...7

## Dr. P. D. Juyal Took Over as Hon. Vice-Chancellor of Nanaji Deshmukh Veterinary Science University, Jabalpur (MP)

### Jabalpur:

**(Dr. A.K. Jayraw)**

Dr. Prayag Dutt Juyal a noted Veterinary Parasitologist, academician and administrator took over the new responsibility as Hon'ble Vice-Chancellor of Nanaji Deshmukh Veterinary Science University, Jabalpur



**Dr. P. D. Juyal**

recently on 26th February, 2016.

Dr Juyal born in a tiny village of Uttarakhand on 5th January' 1955, after his family shifted to western UP, he completed his graduation from Meerut University, Meerut in 1973. Realizing his bent of mind, pursued

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## From the Editor's Desk



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It's again a great pleasure for me to publish this 6th issue of the News letter *The Para Sight*.

This issue could not be published during the 25th NCVP at Chennai due to some problems.

Now it is being materialized and this could happen only due to your unconditional support.

The last four issues of *The Para Sight*, which was circulated in the soft

form earlier due to lack of funds and still could not bring it to hard form.

Here onwards the members will get the soft copy of *The Para Sight*,



Editorial

from the website of the society. The earlier issues are also being published on the website.

I thank all of them who have contributed in this issue. I express my sincere thanks to Dr. Placid E D'Souza, President, Dr. A. Sangaran, General Secretary and for extending hands of help wherever found necessary.

I also thank you for your valuable suggestions and guidance which are more important to us to bring further improvements in coming issues of *The Para Sight*.

## Human Fleas and Lice Spread Black Death

A new study suggests that the plague, which killed millions of people, was not transmitted by rats.

Courtesy The scientist: Ashley Yeager

Rats may have gotten a bad rap when it comes to the plague. It was fleas and lice on people, not rats, that spread the disease between the 14th and 19th centuries in Europe, according to a study published today (January 16) in *PNAS*.

The rodents have long been

blamed for spreading the plague, which is caused by the bacterium *Yersinia pestis*. Researchers thought the bacterium would infect fleas on rats, and when the rats died, the fleas would jump to humans, infecting them. Rats are also thought to be responsible for

spreading more recent cases of plague, including the [outbreak in Madagascar in 2017](#).



Researchers have long thought that fleas on rats spread the Black Death during medieval times, but a new study suggests it was, instead, fleas and lice on people that transmitted the plague. [FLICKR, BAYER CROPS-SCIENCE UK](#)

But the long-held theory that rats spread the plague during the Second Pandemic in the 14th to 19th centuries had a problem—the disease did not spread quickly enough. This discrepancy spurred [Katharine Dean](#), an ecologist at the University of Oslo, and her colleagues to study the patterns of

how disease moves through a population. “The plague really transformed human history, so it’s really important to

understand how it was spreading and why it was spreading so fast,” Dean tells *National Geographic*.

The researchers simulated the outbreak of the plague in nine European cities between 1348 and 1813. They modeled the spread of the disease by human fleas and lice, rat fleas, or transmission through

the air. In seven of the nine cases, human fleas and lice best matched the pattern of outbreak, compared to the other two modes of transmission. “The conclusion was very clear. . . . The lice model fits best,” study coauthor [Nils Stenseth](#), a biologist at the University of Oslo, tells the *BBC*. “It would be unlikely to spread as fast as it did if it was transmitted by rats.”

*Continued....on 4*

## NIVEDI, Bangalore Completes ICAR Sponsored National Training Programme



**Trainees with Course Director and Principal Scientist Dr. P.P.Sengupta, , Dr. K.P.Suresh, Principal Scientist, and Dr. Siju Susan Jacob, Scientist Faculty**

**Bangalore :  
(Dr. P.P. Sengupta)**

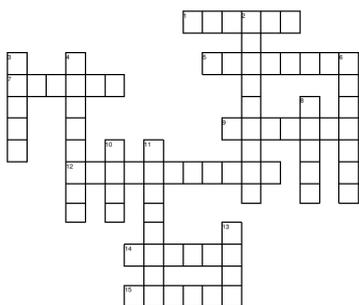
ICAR -National Institute of Veterinary Epidemiology & Disease Informatics (NIVEDI), Hebbal, Bengaluru conducted one ICAR sponsored ten days training programme on "Advances in Risk Analysis and GIS Based Prediction Modeling of

Livestock Parasitic Diseases" from 23rd Oct., to 1st Nov., 2017 at NIVEDI, Bengaluru.

Total fifteen faculties, scientist participants from various universities and research institutes of different states attended this training programme. The participants were from Assam, Uttarakhand, Uttar Pradesh,

Telangana, Karnataka, Tamil Nadu, Maharashtra and Kerala. Dr. P.P.Sengupta, Principal Scientist, ICAR-NIVEDI acted as Course Director. Dr. K.P.Suresh, Principal Scientist, ICAR-NIVEDI and Dr. Siju Susan Jacob, Scientist acted as Course coordinators in this training programme.

### Para-Puzz -Dr. Gopal P. Bharkad



**Down**

- 2. Spicule remains within 'spicule sheath' in this spp of nematode
- 3. recently demised Vice president of IAAVP
- 4. Dumbel shaped uterus
- 6. One of the scientist who honoured with Nobel prize for discovery of Avermectin
- 8. a vaccine against tick
- 10. intermediate host of Dicrocoelium spp
- 11. Bothria is feature of ...
- 13. He attempted theileria vaccine

**Across**

- 1. Intermediate host of Rallietina cesticellus
- 5. The Herring worm disease is caused by ...
- 7. Flea saliva contains.....
- 9. fly Common name of Haematobia exigua
- 12. a parasite causing abortion
- 14. Polycystic hydatid stage is found in ... spp of Echinococcus
- 15. a former president of IAAVP

## Heroes of Indian Parasitology

### Dr. V. S. ALWAR (1919 –1996)



**Dr. V. S. Alwar**  
(1919 –1996)

Dr. M.C. Agarwal

**D**r Villuppanur Sadagopan Alwar was born on October 31, 1919 in village Villuppanur of Kamarajar District of Tamil Nadu in a family of traditional agriculturists. After elementary education at his native village, Dr. Alwar had his high school education at Srivilliputtur and intermediate course in arts and science at the American College, Madurai. He entered the portals of Madras Veterinary College in 1938 and earned the diploma in veterinary science (GMVC) followed by B.V.Sc degree from the University of Madras in 1943. Dr. Alwar took part in the Quit India Movement. His love for Tamil blossomed into the formation of Kalaimagal Kazhagam (Tamil Literary Association) at Madras Veterinary College Hostel, which is being continued even today.

After serving in the rural North Arcot District of Tamil Nadu as Veterinary Assistant Surgeon from 1943 to 1945, Dr. Alwar was drafted to his alma mater to serve as Assistant Lecturer in the Department of Parasitology. He was the second veterinarian to earn the M.Sc degree in Veterinary Parasitology from the University of Madras in 1955. He became Lecturer, Reader and later on Professor and Head, Dept. of Parasitology until his superannuation in 1975. As a research scientist, he earned the name as a distinguished parasitologist. He had published more than 100 research articles, most of them were of interna-

tional standard. His research work on *Trypanosoma evansi*, *Schistosoma nasale* and feather mites earned him international recognition as an eminent parasitologist.

He was elected as General Secretary of the Indian Veterinary Association in 1960, the post he held till 1982. He was the Secretary of Research Council, DVER from 1969 to 1975, Editor, Cherion from 1973 to 1975, Vice President of MVC Association from 1968 to 1971, recipient of Dr K.S. Nair Memorial Medal for best research article in 1972, Associate Editor of Indian Veterinary Journal from 1961 to 1987, regional representative (Asia) of Commonwealth Veterinary Association from 1967 to 1979, Member, Permanent Committee of World Veterinary Association from 1970 to

1975, Member Animal Welfare Board from 1962 to 1980. He was a member of the expert committee to design the perspective programmes of Tamil Nadu Veterinary and Animal Sciences University. He was mainly responsible for the Veterinary Council Acts of many states and the Indian Veterinary Council Act.

The yeoman services rendered by Dr. V.S. Alwar for the profession especially through the Indian Veterinary Association and also his relentless efforts from 1965 onwards for securing a permanent site for housing the Indian Veterinary Journal in its own premises deserve spe-

cial mention. He was elected as Fellow of Indian Veterinary Association as well as Fellow of Indian Society of Parasitologists. He was made as associate editor of Indian Veterinary Journal in 1961 and as editor in June 1987.

Dr V.S. Alwar was happily married to Mrs Vembu Alwar and has five sons and two daughters. Dr V.S. Alwar, a doyen among the doyens of our profession, was an erudite scholar of par excellence, a dedicated teacher and research worker, and a philosopher and guide not only to his students but also to many others of different walks of life. Dr. Alwar passed away on 19<sup>th</sup> of June, 1996 in Madras at the age of 76.

The contribution of Dr. Alwar was duly recognized by Madras Veterinary College by starting Dr. V S Alwar Memorial Lectures in his memory. IAAVP is also awarding Dr V S Alwar Memorial Award every year for the best research paper published in Journal of Veterinary Parasitology.

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### Human Fleas.....

The takeaway, Stenseth says: personal hygiene. The disease doesn't spread if we stay clean. Another tip, he tells the *BBC*, "If you're ill, you shouldn't come into contact with too many people. So if you're sick, stay at home."

## Sad Demise of Dr. J. D. Ghosh

Kolkata (Dr Surajit Baidya) :

Dr. Joydeb Ghosh, Former Vice President of IAAVP and Professor & Head, Department of Veterinary Parasitology was passed away on **22.07.2016** at Kolkata. Dr Ghosh was born on 06.10.56; at VPO- Dignagar, Dist. – Burdwan, West Bengal. Dr Ghosh a good academician, researcher and administrator. He joined as Associate Professor of Veterinary Parasitology in WBUAFS, Kolkata in June 2000. Earlier He had worked HAU on various posts. He was



very active in the society IAAVP. He had acted as President IAAVP during 25th NCVP at Chen-

nai when President Dr P.K. Sanjal could not attend the conference due to some reason. President of IAAVP Dr Placid E DSouza, General Secretary Dr. A. Sangaran, Treasurer Dr. C. Rayulu and office bearers expressed deep sorrow in their message on behalf of all members of IAAVP family and prey to the Almighty to grant peace to the departed soul and give solace to the family in this difficult time

## 25th NCVP.....

Contd...from page.1

compendium was released during

the inaugural function. Delegates from India and abroad participated in the national congress and presented their research findings as oral and poster presentations in five scientific sessions which included the Dr. J.P. Dubey

Young scientist award session. Faculty from University of Edinburgh, UK, University of Belgium, University of Bahrain and graduate students from Oklahoma State University, USA also participated in the national congress. The deliberations of the conference have immensely helped to formulate a plausible solution for sus-

tained parasite control both in veterinary and human medicine. New office bearers of the association were elected. A website for IAAVP was also launched. The Valedictory function on 19.02.2016 was presided over by Dr C.Balachandran, Dean, Madras Veterinary College. Dr T J Harikrishnan, Reg-

istrar, TANUVAS was the chief guest and distributed prizes and certificates to winners of oral and poster presentations. Dr P.I Ganesan, Director, Animal Health studies delivered the felicitation address, followed by vote of thanks by Dr Bhaskaran Ravi Latha, Organizing secretary of the national conference.

## Dr. P. D. Juyal .....

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Veterinary Science as career and graduated from GBPUAT, Pantnagar (1977) and completed his Masters in Veterinary Parasitology from GBPUAT (1979) and Doctorate from Chaudhary Charan Singh Haryana Agricultural University (CCSHAU), Hisar (1987). He garnered a rich experience of 35 years of academic, research management and administration remaining in association with different universities viz GBPUAT, Pantnagar; RAU (Pusa), Bihar; CCSHAU, Hisar; Punjab Agricultural University (PAU) and Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana. He became Professor and

Head of Department of Veterinary Parasitology and his sincerity, devotion and commitment to work raised him to the position of Registrar, GADVASU where he served the university for a period of 4.8 years (2010-2015). He also held the additional responsibility of Comptroller, GADVASU during the period. About a year ago, after superannuation, he worked as Director (R & D), in PTU affiliated College.

During his academic career, he has been honored with awards and recognition viz college merit certificate; graduate teaching assistant ship (1978); ICAR Senior Research Fellowship (1983); Travel Bursary Award (1993), Prof B V Rao Gold Medal (1998); Fel-

low of National Academy of Veterinary Sciences, NAVS (2005); Prof V S Alwar Memorial Award (2006); Shiksha Rattan Puruskar (2007); Fellow of Indian Association for Advancement of Veterinary Parasitology, IAAVP (2007); Scientist Award from Indian Society for Veterinary Immunology and Biotechnology, ISVIB (2010 & 2013) and Fellow of National Academy of Dairy Sciences, (India) NADSI (2014).

He has to his credit more than 200 publications and 3 books. He has also been associated with Societies and Councils in different scien-

tific initiatives and held the position of Vice – President of IAAVP. He had been the member, Academic Council, CSK HPKVV, Palampur (HP), Chhattisgarh Kamadhenu University, Raipur, (Chhattisgarh), and Indian Veterinary Research Institute (IVRI) Izatnagar and on the editorial board of Journal of Parasitic diseases (Springer India), Journal of laboratory physicians (AIIMS New Delhi) Journal veterinary and animal sciences, Lahore and Journal of animal research. During his scientific endeavor, he visited United Kingdom, Japan and China.

## Newly Elected Office Bearers of IAAVP

### President



Dr. Placid E D Souza



Dr. S.K.Gupta



Dr. M.L. Gatne



Dr. T.J. Harikrishnan



Dr. S.W. Kolte

### Vice-Presidents

### Vice-President



Dr. M.R. Panda

### Gen Secretary



Dr. A. Sangaran

### Joint-Secretaries



Dr. L.D. Singla



Dr. G.P. Bharkad

### Treasurer



Dr. V.C.Rayulu

### Chief Editor, JVP



Dr. C. Sreekumar



Dr. BW Narladkar



Dr. Soundarjan C.



Dr. ArunKumar



Dr. K.P. Shyma

### Executive Committee Members

### Executive Committee Members



Dr. Alok Dixit



Dr. Idrees Allae



Dr. Jaybal



Dr. Arush Yadav



Dr. B.C. Saravnan

Dr. Sanjay Borthakur, Dr. N.K. Singh