



# The Para Sight

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Indian Association for the Advancement of Veterinary Parasitology

**IAAVP**

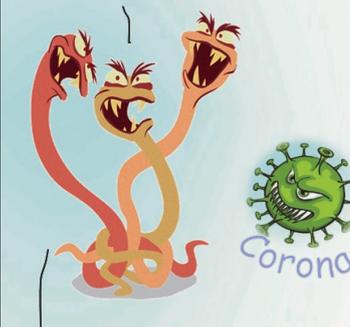
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## Partoon! -Dr.Gopal Bharkad



It's spoiling our lives, Canny.  
Koi samzao ise.



Don't be silly, Corona. Compromise with immune system like us, live longer and let live others too.

## SUCCESS OF XXVIII NCVP AT TIRUPATI : ONE MORE FEATHER IN THE CROWN OF IAAVP



Chief Guest Dr. C. Balachandran, Hon.VC, TANUVAS, Dr. Y. Hari Babu, Hon.VC, SVVU, Dr. S.C. Parija, Hon.VC, Sri Balaji Vidyapeeth, Dr. D. Venkateswarlu, Director-AH, Telangana, Prof. Placid E. D'Souza, President IAAVP, Dr. A. Sangaran, General Secretary IAAVP and Dr. VC Rayulu, Organizing Secretary during lightening the diya "Deep Prajwalana" during inauguration.

### Tirupati (Andhra Pradesh) :

Dr. C. Rayulu / Dr. Venu

The 28<sup>th</sup> National Congress of Veterinary Parasitology (NCVP) and National Symposium on "Novel Technologies and Strategies for sustainable Control of Parasitic Diseases of Livestock, Poultry and Public Health Significance" was organized from 28<sup>th</sup> to 30<sup>th</sup> January, 2019 at College of Veterinary Science, Sri Venkateswara Veterinary University (SVVU), Tirupati, An-

dhra Pradesh. The congress was started with Registration of the delegates at 8.00 AM followed by inaugural session at 10.00 AM on 28.01.2019 in the College Auditorium with Dr. C. Balachandran, Vice-Chancellor of TANUVAS as the Chief Guest, Dr. Y. Hari Babu, Vice-Chancellor of SVVU, Dr. S.C. Parija, Vice-Chancellor of Sri Balaji Vidyapeeth (Deemed University), and Dr. D. Venkateswarlu, Director, De-

partment of Veterinary and Animal Husbandry, Govt. of Telangana State as distinguished guests. Dr. Placid E. D' Souza, President, Indian Association for the Advancement of Veterinary Parasitology (IAAVP), Dr. A. Sangaran, General Secretary, IAAVP, Dr. K. Nalini Kumari, Associate Dean of the College and Dr. V. C. Rayulu, Organizing Secretary, 28<sup>th</sup> NCVP also

*Continued on page No. 7*

## Superannuation of Dr. Harikrishnan and Dr. Chandra

### Chennai : (Dr.Ananda)

Dr. T. J. Harikrishnan, Director of Research, TANUVAS, Chennai retired from his services on 31st January 2020. He was nominated as Member of Board of Management of Karnataka Animal and Fishery Sciences University, Bidar, Karnataka state on 16<sup>th</sup> January 2019. His research interest includes anthelmintic resistance in gastrointestinal nematodes, house fly control and acaricidal resistance.



Dr. T. J. Harikrishnan



Dr. Dinesh Chandra

### Bareilly : (Dr. M. Sankar)

Dr. Dinesh Chandra, Principal Scientist, Division of Parasitology, ICAR-Indian Veterinary Research Institute, Izzatnagar (UP) Bareilly retired from his services on 31st January 2020.

He has contributed in the research on helminthes especially the immunodiagnosis of the helminthes and schistosomiasis. The IAAVP wishes very happy and healthy post retirement life to both the legends.

**From the Editor's Desk****Editor****Dr. Gopal P. Bharkad**

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**Members**

Dr. C. Soundararajan  
Dr. Ananda K.J  
Dr. A.K. Jayraw  
Dr. L. Jeyabal  
Dr. Shyma K. P.

It is again a great pleasure for me to publish 8th issue of *The Para Sight*.

I am very much excited for its release as it is released at very special destination "Jabalpur", the land of the stalwarts of Veterinary Parasitology viz., Dr. SC Dutt, Dr. H.L. Shah, Dr. HOP Shrivastava, Dr. MC, Agrawal. Moreover, in presence of another great parasitologist and Hon. Vice Chancellor of Nanajee Deshmukh Veterinary Science University Prof. (Dr.) P. D. Juyal.

Every new issue is an addition to my experience and one more step towards improvement. This is again a very

honest attempt to reach close to your expectations.

The positive feedback and critics are equally important and essential from respected members of IAAVP. We are expecting

**Editorial**

more contribution and suggestions from you. This will definitely be a source of inspiration for the editor, people working directly or indirectly for the issue and the

society.

I am also thankful to the members to editorial team for their contributions.

I express my sincere thanks to Dr. K. Devda, President, Dr. A. Sangaran, General Secretary, Dr. VC. Rayulu Treasurer and other Hon. Office bearers and Members of the society 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'*.

**Deep Condolences to Dr. Y. V. Raote and Dr. D. Venkateswarlu****Parbhani (Dr. GM Chigure/ Dr. JG Gudewar) :**

Dr. Yadavrao Venkatrao Raote, Professor and Head, Department of Veterinary Parasitology, Parbhani passed away on 15th May 2019 at Nanded (MS). He was student of eminent parasitologist Dr. V.S. Narsapur at Mumbai Veterinary College, Mumbai. He done his PhD under guidance of Dr. M. R. Sarde. He lead the department at COVAS, Udgir during 2009-2015. His area of specialization was entomology and acarology especially epidemiology and control of ticks.

**Dr. Y.V. Raote****Tirupati (Dr. VC Rayulu) :****Dr. D. Venkateswarlu**

Telangana State Animal Husbandry Director Dr. Dhasiyam Venkateswarlu suffered cardiac arrest and passed away while undergoing treatment at Tirupati on 28th January 2019. He had been invited as Invited guest for inauguration of XXVIII NCVF at Sri Venkateswara Veterinary University. The IAAVP is deeply sadden and mourns the untimely demise of Dr. Raote and Dr. Venkateswarlu and convey heartfelt condolences to the bereaved family members at this time of grief, our sincere prayers for the departed soul rest in peace.

**Participation of Indian Contingent in WAAVP 2019 held at Madison Wisconsin, USA****Tirupati (Dr. V. C. Rayulu):**

Indian Parasitologists Dr. A. Sangaran, Dr. Soundararajan, Professors, Department of Veterinary Parasitology, Madras Veterinary College, Tamil Nadu, Dr. Chengalva Rayulu, Professor & University Head, Department of Veterinary Parasitology, College of Veterinary Sciences, Tirupathi, Andhrapradesh, Dr. L.D. Singla, Professor & Head, College of Veterinary Sciences, Ludhiana and Dr. Ananda, K. J. Associate Professor & Head, Department of Veterinary Parasitology, Veterinary College, Hebbal Bangalore have participated and presented research papers during the 27<sup>th</sup> International Conference on "Shifting and Winnowing the

*Evidence in Veterinary Parasitology*" organised by World Association for the Advancement of Veterinary Parasitology from July 7 - 11, 2019 in Madison, Wisconsin, United States

of America. Dr. A. Sangaran, General Secretary, IAAVP and Dr. Ananda, K. J., Joint Secretary, IAAVP served as Chairman for the Sessions during the International Conference.



## The Para Sight at the Height

### Dr. Nirbhaykumar Singh conferred with Dr. N.S. Ruprah Award

Dr. Nirbhay Kumar Singh, Associate Professor, Department of Veterinary Parasitology, Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana received Dr. N.S. Ruprah Oration Award for distinguished contribution in the field of Veterinary Entomology and Acarology during 28<sup>th</sup> National Congress of Veterinary Parasitology held at College of Veterinary Sciences, Tirupathi, Andhrapradesh on 28<sup>th</sup> January 2019. Dr. Singh also honoured with Best Teacher Award” from ICAR, Agricultural Higher Education for the year 2018-19 in recognition of his commendable contribution to Teaching, Research and Extension in Veterinary Parasitology.



Dr. Nirbhay Kumar Singh, receiving “Best Teacher Award” from ICAR, Agricultural Higher Education for the year 2018-19 .

### Dr Ananda honoured with Shri Ismail Award of IAAVP and Best Veterinarian Award of KVA



#### Bengaluru:

Dr. Ananda, K. J. Associate Professor & Head, Department of Veterinary Parasitology, Veterinary College, Hebbal Bangalore received Best Veterinarian Award from the State Karnataka Veterinary Association for

distinguished contribution in the field of Veterinary Parasitology on 20.07.2019 at Bangalore.

Dr. Ananda, also received Shri S. M. Ismail Memorial oration Award for dis-

tinguished contributions in the field of Veterinary Helminthology during 28<sup>th</sup> National Congress of Veterinary Parasitology held at College of Veterinary Sciences, Tirupathi, Andhra Pradesh on 28<sup>th</sup> January 2019.

### Prof. Dr. Veer Singh Rathore, honored at IVA International Conference



#### Palampur, Dantiwada (Dr. Veer Singh Rathore):

Prof. Veer Singh, Prof. & Head, Department of Veterinary Parasitology, Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar honored with “Achiever’s Veterinarian Award” for Visionary Leadership in Veterinary Profession, Organized by Indian Veterinary Association in ‘International Conference on Emerging challenges to Veterinary Profession’ held at NASC Complex, New Delhi during July 26<sup>th</sup> -27<sup>th</sup> July 2019. He had presented a Lead Paper on ‘Contemporary issues in veterinary profession for augmenting animal health’ and also chaired a session – ‘Challenges to Veterinary Profession’.

# Heroes of Indian Parasitology



**Dr. M. C. Agrawal**

'Dr. Agrawal got an opportunity to join MVSc as in service candidate in 1970. Though his first choice for MVSc was Medicine, because of some technical reason, Dr. Kaushal and Prof Dutt convinced him and given admission in Parasitology which proved to be the second turning point.'

- Dr. G. P. Bharkad  
- Dr. P. S. Banerjee

## Dr. M. C. Agrawal

Dr. Mahesh Chandra Agrawal, was born on 26th April 1944 at Firozabad, U.P. and had a brilliant academic career receiving University Gold Medals being first in order of merit in BVSc & A.H. (1967), and MVSc [1974], JNKVV. He got ICAR Senior Fellowship (1974) for Ph.D. (1978) and several other national awards. In January 1995, he was awarded ICAR National Fellow which happened first in Parasitology in India and first in JNKVV. He has worked on Stephanofilariasis, Sarcocystosis and Schistosomiasis and his work has extensively been referred. He has published review on Stephanofilarial dermatitis in India, Parasitology in India since independence, on *Schistosoma incognitum*, *S. spindale*, nasal schistosomiasis, beside contributing chapters on schistosomiasis and fluke epidemiology. He is the Fellow of National Academy of Veterinary Science India since 1997. He was Professor and Head, Department of Parasitology and retired as Dean, College of Veterinary Science & A.H., Jabalpur in .

Dr. M.C. Agrawal has been awarded Dr. SC PARIJA ORATION AWARD of the year 2012 of Indian Academy of Tropical Parasitology on 13th Oct 2012 at Sri Auribindo Medical College and Post graduate Institute, Indore. A book entitled, "Schistosomes and Schistosomiasis in South Asia" authored by Dr. Agrawal was also released on 3rd Nov 2012 on the occasion of 2<sup>nd</sup> convocation of Nanajee Deshmukh Veterinary University, Jabalpur

Dr. Agrawal is born in a business family in a small town like Firozabad (now a district) of Uttar Pradesh. Though father insisted to join the family business of glass bangles, he was least interested and prayed to allow for a higher study which was supported by his mother. It was the first turning point in his life which made him a 'Parasitologist' instead of a businessman.

After graduation in 1967 from Jabalpur Veterinary College, he joined as Vety Asstt Surgeon in 'Amethi' tahsil of Uttar

Pradesh. In spite of being a university gold medalist and looking at his introvert nature, colleagues forced him to rejoin academics and he started working as a demonstrator in the department of Physiology at veterinary college of Jabalpur in Jan, 1968. At that time, Parasitology was not in his mind like any other veterinarian of that time.

This was the time when Jawaharlal Nehru Krishi Vishwa Vidyalyaya, of which the college became a constituent unit, was taking shape under the first vice chancellor Dr. J.H. Patel while Dean Faculty was Dr. R.L. Kaushal and a drive was made to attract talented teachers to join. And one eminent scientist, Rafi Ahmad Kidwai awardee of ICAR coming from IVRI to join as Professor and Head of Parasitology ( that time Dr HL Shah, State Professor was in USA & pursuing his Ph.D). And he was the legend Dr. S.C. Dutt who joined JNKVV services in Nov. 1969.

Dr. Agrawal got an opportunity to join MVSc as in service candidate in 1970. Though his first choice for MVSc was Medicine, because of some technical reason, Dr. Kaushal and Prof Dutt convinced him and given admission in Parasitology which proved to be the second turning point. Later gradually Prof Dutt generated great interest in the subject with fascinating with experiments, 'zoological keys' which opens the mystery of identity of a creature, live demonstrations at slaughter house, field sampling.

Trainings under Dr. Dutt encouraged him to learn new techniques and to explore new fields depending on the facilities available in the institute. He admits that this is the reason, why he is able to continue his research work since 30 years on schistosomes and schistosomiasis. During that period (about 1970) Dr. Dutt had submitted a research scheme to ICAR on immunity on schistosomiasis (this came in operation since 1973 and continued in the department even after leaving of Dr Dutt to ICAR, New Delhi in Nov 1974). Obviously, he was interested in

Continued on page No. 6 ....

## Heroes of Indian Parasitology

### Prof. H.L. Shah (1931-2018)

We learnt with profound grief about sad demise of our beloved teacher Prof Harish Lal Shah on 24th April, 2018 at Lucknow.

This event took my memories back when Professor Shah in 1965-66 came on promotion on newly created post of Professor of Parasitology from Mhow Veterinary College where he spent about 7-8 years in the dept of pathology, bacteriology, parasitology. Actually, parasitology was also a part of former 3 departments at Jabalpur and one of his main job was to establish the department of Parasitology, separately at Jabalpur.

Though Parasitology is considered a very dry subject, yet he taught us it very lucidly so that students may understand the subject and soon he became darling to the students. He was considered a living legend of non academic events, particularly annual staff functions arranged in the presence of Dean Dr RL Kaushal and became very popular in staff family and students due to his jokes and other items.

Soon Dr Shah left to Illinois, USA where he did his Ph.D. under the renowned scientist Dr Norman V Levine and his subject of research was coccidia species. His stay at America was not free from sorrow as he lost one of his son at Jabalpur and could not come to attend his sickness. When he came back in 1969 to Jabalpur the post of University Professor and Head was awarded to Dr SC Dutt from IVRI, Izatnagar and Dr Shah has to content with Associate Professor post of the department. Basically, he was a Protozoologist hence taught us in our post graduate programs, protozoology and related subjects. Prior getting professor post in 1977 at Jabalpur, he went to Pantanagar and separated department of Parasitology from Pathology, Bacteriology, Parasitology.

Again Dr. H.L. Shah was very famous among undergraduate students and use to motivate the UG students. Among those, three students brought his efforts to fruition e.g. Dr. PD Juyal, Dr KML Pathak and Dr. D. Kumar who became very distin-

guish in their field of Parasitology.

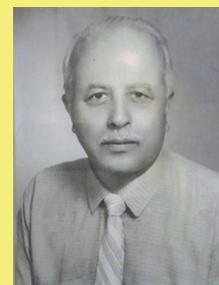
No body knows the future events and it happened that Dr SC Dutt left Jabalpur, first for ICAR and then Prof and Head of Parasitology, PAU, Ludhiana. This paved the way of Prof Shah coming back to join Jabalpur as Prof and Head of Parasitology. During this position, he brought an ICAR scheme on sarcocystosis, guided many students for their Ph.D. program; he retired in June 1991. Here i wish to mention two basic qualities of Prof Shah

In his early life, Prof Shah was a chain smoker but he never smoke even in post graduate classes. I still remember, this is perhaps in 1980es, one day he passes some blood in his sputum and went to consult a Doctor who advised him to leave smoking. He, after coming from the physician, immediately throw his match box and cigarette packet and since then no one saw him smoking.

Dr. Shah was very popular among fellow parasitologists and helped many of them in different ways. I have seen many papers, even manuscript of the book, sent to him for his comments which he generously provided. We are sure he was much more intelligent and would have utilized it in better way by expressing his thoughts in a book form. In fact he helped me in writing two reviews which were published with his name in two different foreign journals.

His elder son Dr Hemant, a Gynaecologist by profession, is residing in America while younger son Mr Jayant was in Army and lost his life at an early age. Some time back, Dr Shah, on the request of Mr Jayant family went to Lucknow and was living there happily. In one sense, it was a full circle of life as he started his student life from Lucknow and went there at last of his journey.

We all know that his is the circle if life and no one can stay here for ever. Even then it gives great pain when our a near and dear left us -this college is becoming poorer day by day by losing its stalwarts. At this junction, we can pray to the Almighty to give him eternal peace and courage to the bereaved family to bear this loss.



**Prof. H. L. Shah  
(1931-2018)**

'Dr. H.L. Shah was very famous among undergraduate students and use to motivate the UG students. Among those, three students brought his efforts to fruition e.g. Dr. PD Juyal, Dr KML Pathak and Dr. D. Kumar who became very distinguish in their field of Parasitology.'

**- Dr. M. C. Agrawal  
- Dr. Giridhari Das**

For more information:  
<http://indianparasitologists.blogspot.com/2016/12/blog-post.html>

**Dr. M. C. Agrawal***continued .....from page 4*

carrying out some preliminary work on immunity on the schistosomes. Dr. Agrawal developed a perfusion technique which was further simplified by replacing the automatic perfusing machine with a vertical water pump for recovery of blood flukes.

He took up the work on epidemiology of ear-sore in buffaloes at Jabalpur, vectors, morphology, gross and histopathology, chemotherapy of the malarial -both *in vitro* and *in vivo* using differential applications. Handling all these aspects not only trained him in almost all disciplines of parasitology under able guidance of Dr Dutt but also threw new light on the problem. Which yielded 8 research papers, MVSc research and a review paper on stephanofilar dermatitis in India in Veterinary Research Communications published by Elsevier, Neth-

erland.

The research paper and thesis writing skills were transferred to him from his mentor Dr Dutt who always encouraged to think on new ideas and the way to solve a scientific problem. He insisted that we should do the work by ourselves.

Dr Agrawal continued the work of Dr Dutt and able to further improve the techniques of maintaining the snails in the laboratory, infecting them in large number, infecting all sorts of the animals with schistosome cercariae, and development of a perfusion technique which is amicable to all sizes of the animals..

Dr. Parth Sarthee Banerjee, Former Head, Division of Parasitology, IVRI is his student.

While expressing his mentor's role in his career, Dr. Agrawal told, "We explain 2 types of metamorphosis in Entomology classes. One is incomplete where the creature under goes the change without changing itself completely. The other one is complete metamorphosis where the two creatures -one going under metamorphosis and the other emerging are all together different creatures- both morphologically as well as physiologically. Its literary meaning I had understood then but the deep meaning I understand today. What Dr. Dutt had done almost three decades ago and in a short span of time was a complete metamorphosis of mine. What so ever I could achieve in my life is because of his teachings. And when we realize this fact, we are bound to accept the real place of Guru in one's life- his real importance. I am proud of My Guru- late Professor S. C. Dutt."

**Glimpses of 28<sup>th</sup> NCVP, Tirupati ( AP )**

1.Release of compendium, 2. Execution of voting during IAAVP election, 3. Certificate –award distribution

## CAFT, Bangalore Completing XXIII ICAR National Training Programme



**Trainees of XXIII ICAR sponsored National training programme (20 November to 10 December 2019) and CAFT Faculty at CAFT, Bengaluru**

**Bengaluru (Dr. K.J. Ananda) :**

The Department of Veterinary Parasitology, Veterinary College, Bangalore has successfully conducted 21 days National training programme under Centre for Advanced Faculty Training, ICAR on “**Different approaches for control of parasitic diseases of large and small ruminants**” from 20<sup>th</sup> November to 10<sup>th</sup> December 2019. A total of 16 trainees from different parts of India have participated in the training pro-

gramme. Dr. M. L. Sathyanarayana was Course Director and Dr. Ananda K. J. served as Co-Course Director. Dr. K. P. Ramesha, Director, NDRI, Bangalore inaugurated and Honourable Vice-Chancellor, KVAFSU, Bidar Prof. H.D. Narayanaswamy, distributed the certificates to the trainees as Chief Guest of valedictory function. Dr. M. Narayana Bhat, Dean, Veterinary College, Bangalore presided the training programme. Dr. Neeraj Rana, Head, Education Cell, ICAR, Pusa visited during the training programme as ICAR external expert.



1. Release of 7th issue of 'The ParaSight' during 28th NCVP at Tirupati on 28th January 2019. 2. A 'RANGOLI' drawn at entry point of auditorium during 28th NCVP at Tirupati attracted attention of each and every delegate participated in the conference and praised by one and all.

### **XVIII NCVP.....Contd...from page.1**

- shared the dais. Dr. T. S. Chandrasekhara Rao, Dean of Veterinary Science chaired as the president of the inaugural session. The session was graced with more than 500 participants including 282 registered delegates from various parts of the country, three eminent scientists from USA, research scholars, faculty, students, invited guests, farmers, sponsors, and media persons.

Six scientific sessions were successfully completed with active participation and deliberations of the delegates during the three-day Symposium. The first session themed 'Epidemiology/ prevalence of

parasitic diseases of ruminants, companion, laboratory, wildlife and poultry' constituted 66 abstracts and four lead papers. In addition, 45 posters were also presented during this session. In the next session on 'Diagnosis of parasitic diseases by parasitological, immunological and molecular techniques' three lead papers, 54 abstracts and 14 posters were presented. In the next session, the young talented parasitologist-competed for 'IAAVP Young Scientist' award, best M.V.Sc. research presentation and the prestigious 'J.P.Dubey Young Scientist' award for best Ph.D. research. The fourth session, on 'Chemotherapy, anti-parasitic drug resistance, immunoprophylaxis and novel alternate techniques for

sustainable control of parasitic diseases' was enriched by three lead papers, 59 abstracts and 18 posters. Two lead papers, twelve abstracts and six posters were discussed in the last session on 'Parasitic diseases of zoonotic and public health significance'. On the last day of the Symposium, Oration Award Session was conducted with five presentations followed by the Plenary Session, General Body Meeting of IAAVP life members and electing new IAAVP Executive Members. Eminent Parasitologist Dr. S. Abdul Rahman consented as the chief guest of the Valedictory function. Awards to the best oral and poster presentations of the different sessions and certificates for the participants were distributed. 28<sup>th</sup> NCVP and National Symposium was ended with National Anthem.

## Newly Elected Office Bearers of IAAVP

### President



Dr. K. Devda

### Vice-Presidents



Dr. M.L. Gatne



Dr. A.K. Tewari



Dr. Ponnudurai



Dr. S.W. Kolte



Dr. B. Mohanty

### Gen Secretary



Dr. A. Sangaran

### Joint-Secretaries



Dr. Ananda K.J.



Dr. Anish Yadav

### Treasurer



Dr. V.C. Rayulu

### Chief Editor, JVP



Dr. C. Sreekumar

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Dr. ArunKumar



Dr. BW Narladkar



Dr. J.B. Solanki



Dr. C. Sreedevi



Dr. Rajat Garg



Dr. L. Jeybal

## Executive Committee Members



Dr. G.P. Bharkad

Dr. Sreenivasa  
Murthy

Dr. AK Jayraw



Dr. Alok Dixit



Dr. B.R. Maharana

Dr. Sanweer  
Khatoun