Editorial Board

Dr. E. RAGHAVA RAO
Chairman

Dr. P. RAVI KUMAR
Staff Editor

Dr. P. ANNAPURNA
Assoc. Staff Editor

STUDENT MAGAZINE COMMITTEE MEMBERS

Dr. CH. HARISH KANNA
B. SIDDARTHAA
G. VEERRAJU
Dr. T. MOHAN RAO
Sri Venkateswara Veterinary University
Tirupati, Andhra Pradesh - 517 502

Dr. Manmohan Singh, I.A.S.
Principal Secretary to Govt.
AH, DD & F Department &
Vice - Chancellor

MESSAGE

I am very happy to know that NTR College of Veterinary Science, Gannavaram, is bringing out its college magazine "Vistas - the Vet's Fanzine"

It's a matter of great pride that the college is registering continuous progress, year on year, in academic and co-curricular activities. This fact gives me confidence that the Faculty, being academicians, would demonstrate their lifelong commitment to their invaluable engagement with acquiring knowledge and would devote all their knowledge, talents and energies for shaping the future of their students.

Likewise, the students too, under the able mentorship of the teachers, would strive to build skills and habits that facilitate character building, self-awareness, self-regulation and goal setting so as to achieve greater heights of success in their life.

Let each one of us remember that good education liberates the mind and makes us responsible citizens. Maintaining congenial academic environment should be given topmost priority and let every one of us do what is required for that.

Finally, I appreciate the efforts of the editorial team of "Vistas - the Vet's Fanzine" in bringing out the issue and wish the staff and students of NTR College of Veterinary Science, Gannavaram all the very best for their success in every walk of life.

(MANMOHAN SINGH)
MESSAGE

I am delighted to know that NTR College of Veterinary Science, Gannavaram is bringing out Vistas- the vet's fandom, its college magazine.

I take this opportunity to congratulate and commend the faculty, non-teaching staff and students who have been striving hard for making the institute the best for Veterinary Education and Research. I feel gratified to see that today NTR College of Veterinary Science, Gannavaram earned a brand name for itself and I am aware that it is not an easy task. The University was generous in providing several facilities and infrastructure to this college during last two years.

I request the staff and students to rededicate themselves to fulfill the mandated obligations of the institute.

College magazines surely find a place among other things, one likes to preserve to reminisce the best part of the life - 'the college life'. Thus the efforts that go behind publishing such magazines deserve appreciation and recognition. I congratulate all those involved in bringing out the magazine and wish that NTR College of Veterinary Science, Gannavaram continues to march ahead winning the challenges arising from time to time.

(T.S. CHANDRASEKHARA RAO)
SRI VENKATESWARA VETERINARY UNIVERSITY
Admn. Office: Dr. Y.S.R. Bhavan, Tirupati - 517 502

Dr. P.R. Sreenivasa Moorthy,
Ph.D.,
DEAN OF STUDENT AFFAIRS

Phone: 0877 - 2249221 (O)
0877 - 2237818 (R)
Mobile: 99890 51544
Pabx: 0877 - 2248155, 2248006
Fax: 0877 - 2249221
Email: prsm_2005@yahoo.com

MESSAGE

I am extremely happy to know that the NTR College of Veterinary Science, Gannavaram, one of the best institutions of our University is bringing out yet another issue of College Magazine.

The contributions of the staff and students to the extracurricular activities such as NSS, NCC and other activities in addition to excellence in the academic sphere is well appreciated by the University.

The University has always been at the forefront in helping the college administration to develop necessary infrastructure for physical and mental well being of the students and staff.

A magazine is like a mirror which reflects the creative talents of students in particular and teaching faculty in general and I want that majority of students and staff contributes to enrich the contents of the magazine with their knowledge and wisdom.

I congratulate the Editorial Board and the Associate Dean for their efforts and wish you all success in your endeavors.

(P.R.S. MOORTHY)
MESSAGE

The NTR College of Veterinary Science, Gannavaram is widely acclaimed as one of the prestigious Veterinary Colleges in the Country by virtue of the quality infrastructure and talented faculty.

The past and present College administration, staff and students have over the years developed an environment conducive to the development of professional competence in the graduates and post graduates. The team of dedicated, experienced and capable teachers have contributed immensely to the spread of technologies and adoption of latest methods in livestock production particularly by the farmers of the coastal and north coastal regions of the State.

I wish that maximum number of students and staff participate with enthusiasm to contribute high quality contents to the college magazine to reflect our academic and intellectual pursuits and our commitment to the service of dumb animals.

I wish you all every success in all your endeavors that endear you to the farming community.

(P. SUDHAKARA REDDY)
Dr. MANMOHAN SINGH, I.A.S.
Hon'ble Vice-Chancellor

Dr. T.S.CHANDRASEKHARA RAO
Our beloved Dean
Dr. E. RAGHAV RAO
Our Beloved Associate Dean
Vistas, by tradition, mirrors the prismatic life on the sprawling NTR College of Veterinary Science campus. The Editorial team made concerted efforts to shape this issue of Vistas as unique as possible. Discernible changes were brought in cover design and layout of photographs. Within well possible limits, best coverage was given to the deserving events and individuals. Any omissions are not premeditated and kindly be condoned. Wish that the current issue of Vistas— the vet’s fanzine, too will find place in the ‘life-time collection’ of all the students and faculty concerned.

With best wishes
-the Vistas team

Dr. P. Annapurna
Assoc. Professor

Dr. E. Rag ava rao
Associate Dean

Dr. P. Ravi Kumar
Professor

Dr. Harish Kanna
M.V.Sc, Nutrition

B. Siddhartha
3rd Bvsc & AH

Dr. T. Mohan Rao
M.V.Sc, Medicine

G. Veerraju
3rd Bvsc & AH
EVENTS

The then Chief Minister Sri N.Kiran Kumar Reddy interacting with students

The then Animal Husbandry minister Sri T.Narasimhan interacting with students

INTER COLLEGE SPORTS MEET 2012
7th COLLEGE DAY 2013-14

From left to right
Dr. E. Ragava Rao, Dr. B. Balavathana Rao,
Dr. Mamadevi Sigha, Dr. S. Sarabha Rao,
Dr. P. Sreenivas Murthy, Dr. Santh Funky
& Dr. K. Sudhakar

CULTURAL PROGRAMMES

Green house -
The champions

College Day Celebrations
Mysuru, 2014
NCC

3(A) R & V Resg

Inauguration of NCC office

Guard of honour during republic day

Show jumping

RD Parade 2012

Awareness rally on Anti-tobacco day
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome Address by Associate Dean</td>
<td>17</td>
</tr>
<tr>
<td>Staff Awards</td>
<td>22</td>
</tr>
<tr>
<td>English Articles</td>
<td>26</td>
</tr>
<tr>
<td>Freshers 2013 batch</td>
<td>44</td>
</tr>
<tr>
<td>Lightning Strikers 2012 batch</td>
<td>45</td>
</tr>
<tr>
<td>Elite Elevens 2011 batch</td>
<td>46</td>
</tr>
<tr>
<td>Sunshine Swallowers 2010 batch</td>
<td>47</td>
</tr>
<tr>
<td>Adroiters 2009 batch</td>
<td>48</td>
</tr>
<tr>
<td>Ever Rocking 2008 batch</td>
<td>49</td>
</tr>
<tr>
<td>Invincible PG's</td>
<td>51</td>
</tr>
<tr>
<td>Academic Blues</td>
<td>53</td>
</tr>
<tr>
<td>Department Detailsa</td>
<td>54</td>
</tr>
<tr>
<td>Teaching Staff</td>
<td>83</td>
</tr>
<tr>
<td>Non Teaching Staff</td>
<td>88</td>
</tr>
<tr>
<td>Moments of Joy</td>
<td>89</td>
</tr>
<tr>
<td>Students Activities</td>
<td>90</td>
</tr>
<tr>
<td>Party Times</td>
<td>91</td>
</tr>
</tbody>
</table>
Extension Activities 92
Teacher’s Day Out 93
Educational Tours 94
Telugu Articles 95
WELCOME ADDRESS AND BRIEF NOTE ON
NTR COLLEGE OF VETERINARY SCIENCE, GANNAVARAM

Delivered By Dr. E. Raghava Rao, Associate Dean
on the occasion of 7th College Day celebrations held on
22nd February 2014

I cordially welcome all the dignitaries and distinguished guests to the
7th College Day celebrations of N.T. Rama Rao College of Veterinary
Science, Gannavaram.

I welcome Dr. Manmohan Singh, IAS, Hon’ble Vice-Chancellor to this
campus who is visiting for the 2nd time on the occasion of College Day.

I welcome Dr. D. V. Balavardhan Rao garu, Hon’ble M.L.A, Gannavaram
who is a Veterinarian to participate in the function.

I welcome Dr. D. Sambasiva Rao garu, IAS, Principal Secretary,
Government of Andhra Pradesh who is also a Veterinarian to participate
in the function.

I welcome Dr. T. S. Chandrasekhar Rao garu, Dean of Veterinary
Science, SVVU, Tirupati to participate in the function.

I also welcome Dr. P. R. Srinivasa Murthy garu, Dean of Student Affairs
to the 7th College Day Celebration.

ACADEMIC PROGRAMMES

This College is offering the five year B.V.Sc. & A.H. Programme in
accordance with VCI regulations since 1998-99. M.V.Sc. Programme
in Veterinary Parasitology and Ph.D. Programme in Veterinary
Pharmacology & Toxicology have been started during the year 2013-
14 in addition to the existing ones. The first batch of B.V.Sc. & A.H.
students were admitted on 09-01-1999. Till date 356 students of eleven
batches were graduated from this College. 41 Post Graduate students
completed their masters programme and took their M.V.Sc Degree in
various disciplines. Students are regularly sent to the satellite farms
of the college viz., Buffalo Research Station, Venkataramannagudem

Millions of trees grow every year because grey squirrels bury their nuts.
and Cattle Farm, Lam, Guntur and reputed local/public establishments like Srinivasa Hatcheries, Gannavaram, and feed mixing plant, Gannavaram for exposure to state of the art facilities in dairy production, semen freezing technology and embryo transfer technology as part of their academic curriculum. Fourth year and final year students visit nearby villages to provide ambulatory veterinary clinical services under the guidance of teachers. Students are provided with an opportunity to visit reputed national institutes and laboratories as part of their educational tours to South India and North India during the annual break after second and fourth years of study, respectively. At present 345 students are on rolls in B.V.Sc. & A.H. degree. 47 students are pursuing M.V.Sc. programme in different disciplines and 3 students have enrolled for Ph.D. programme in Veterinary Pharmacology & Toxicology at present.

COMMON FACILITIES

1. Air conditioned **round table conference facility** to conduct meetings and discussions.

2. Air conditioned **seminar room** with accommodation for 100 members, public address system and ceiling mounted LCD Projector with screen.

3. **Computer Centre** - An Air conditioned Centralized Computer Centre with local area net work. Leased line Internet access with printing facility is provided for students at subsidized rate.

4. **Library**: Library is located in a carpet area of 5,000 Sft. with seating capacity for about 60 readers. During the current year 833 books have been added. It has a collection of 8153 books, and subscribing to 13 foreign journals and 31 Indian Journals. Online databases like CERA and Veterinary Science Database (CAB abstracts) are available for information retrieval. “Book Bank Scheme” is established with multiple copies of basic text books, which will be issued to students for complete semester. The library is fully computerized and data base of books and users have been developed facilitating the users to have access to on-line public access catalogue at the library counter. Circulation (issue / return of books) operations are also computerized through the use of bar coded PVC identity-cum-Library Cards. CCTV systems is installed for electronic surveillance.
5. **Central Instrumentation Centre** is equipped with equipment like dual slab electrophoresis, dark field microscope, Fluorescent Microscope, Ultra Centrifuge, Scintillation Counter, AAS etc and is open for all the students and staff to conduct research work.

6. A full-fledged lab animal house along with animal cages is ready during the current year to carryout research work involving lab animals like rats, mice and rabbits.

7. **Information Centre**: A well organized Information Centre for the benefit of farmers is located in the College Main Building with technical bulletins, Information Kiosk etc.,

8. All the class rooms are modernized with audio-visual equipment etc.

**Student Amenities & Activities:**

1. **Hostels:**
   i. **Gokul Boys Hostel** with 24 rooms in ground floor and 24 rooms in first floor to accommodate 144 boys. Gym, TT, TV and R.O drinking water facilities are available.

   ii. **Krishnaveni Girls Hostel** with 16 rooms in ground floor and 16 rooms in first floor to accommodate 96 Girls. Another 10 Girl Students are accommodated in the common hall.

   iii. **Hostel Block-II for PG students** with 4 rooms in ground floor and 4 rooms in first floor can accommodate 24 students.

   iv. An amount of Rs. 300 lakhs has been sanctioned for construction of 60 seated additional block of girls hostel to take care of the shortage of accommodation. The work is going on and will be ready by August this year.

2. **NCC / RVC Unit**: The College has 3 (Andhra) Remount & Veterinary Regiment of NCC functioning since 2003-04 with 80 cadet strength per academic year. The cadet strength has been enhanced to 160 during
the year 2012-13. Cadet strength of 45 has been enrolled for NCC ‘B’ certificate and 88 cadets had enrolled & appeared for NCC ‘C’ certificate exam in the month of February, 2014. The unit has 7 horses. Permanent stables for 20 horses are available in the Unit. Seven cadets had participated in the NCC RVC Army Attachment Camp held at Meerut, UP form 21-10-2013 to 06-11-2013. Cadets enrolled for ‘B’ and ‘C’ certificate exam had participated in the NCC camp (CATC-XI) at Agriculture Market Yard, Nuzvid, Krishna (Dt) for 10 days from 27-10-2013 to 05-11-2013.

3. Student Counseling and Placement Cell for students: The Placement Cell functioning in the College provides information on employment opportunities and helps in the development of entrepreneurial skills in the students. Placement agencies are invited to counsel in this regard. Many of our students are presently serving in the department of Animal Husbandry. Some have gone abroad to pursue higher education to countries like USA, Canada and Great Britain. Some of our students topped and many stood in the top ten in the post-graduate entrance examination conducted by the university every year. The placement cell is provided with computer, furniture and books and CDs on personality development, English language improvement and competitive examinations.

4. NSS Units: Two NSS Units are functioning in the College, each with 100 student volunteers.

5. Medical and Physical Education Facilities: A Medical Officer on part time basis and a Physical Director are employed to cater to health and fitness needs of the students.

6. Department of Veterinary Public Health has entered into MOU to conduct collaborative research work on Leptospirosis diagnostic techniques which National Institute of Veterinary Epidemiology and Disease Informatics, Bangalore.

7. All the departments are being strengthened with advanced lab-equipment to comply with the Veterinary Council of India norms for which an amount of Rs.1.29 crores has been sanctioned during this year.

8. Research Projects in Operation: Seven externally funded projects and there RKVY funded projects are in operation.

The Turritopsis nutricula jellyfish can regenerate its own cells, making it sort-of immortal.
### 9. Income Generation activities:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name</th>
<th>Amount in Rs. (Lakhs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Self-supporting Livestock Products Project in the department of Livestock Products Technology.</td>
<td>13,79,898-00</td>
</tr>
<tr>
<td>2.</td>
<td>Sale of Milk and Sale of Livestock by Livestock Production and Management Department.</td>
<td>1,84,734-00</td>
</tr>
<tr>
<td>3.</td>
<td>Registration and user charges at TVCSC 2013-14.</td>
<td>62,960-00</td>
</tr>
<tr>
<td>4.</td>
<td>By Xeroxing of text books and articles by staff and students etc.</td>
<td>28,556-00</td>
</tr>
<tr>
<td>5.</td>
<td>Receipts on farm produce</td>
<td>5,22,151-00</td>
</tr>
<tr>
<td>6.</td>
<td>Fee etc.,</td>
<td>23,45,677-00</td>
</tr>
<tr>
<td>7.</td>
<td>Miscellaneous Charges</td>
<td>25,49,237-00</td>
</tr>
<tr>
<td>8.</td>
<td>Miscellaneous sales</td>
<td>5,84,093-00</td>
</tr>
</tbody>
</table>

**Total Income Generation**  
76,57,306-00

### 10. Earn While you Learn Projects

EWL projects for B.V.Sc. & A.H. students are being run by the Department of Livestock Products Technology, Department of Livestock Production Management and Department of Poultry Science. Now it is renamed as Entrepreneurial training programme and III and IV B.V.Sc. & A.H. students are involved in these programmes.

**Student Awards**

Dr. Amit Kumar won the C.K Rao Endowment Trust award.
**Staff Awards**

1. **Dr. K. Lakshmi Kavitha, Assistant Professor**, Department of Veterinary Microbiology, received SVVU Young Scientist Award – 2012 in 4th Convocation of SVVU held on 28-02-2013.

2. **Dr. K. Anusha, Assistant Professor**, Department of Veterinary Gynaecology & Obstetrics received G.B. Singh Memorial Award – 2012 in the 29th National Conference of ISSAR held at Nagpur on 8th January, 2014 for best research paper published in 2012.

3. **Dr. V. Samatha, Assistant Professor** received best oral presentation award on “Endometrial biopsies in chronic endometritis in repeat breeding buffaloes” at 29th Annual Convention of ISSAR, held at Nagapur Veterinary College.

4. **Dr. Iqbal Hyder, Assistant Professor**, Department of Veterinary Physiology has won the Young Scientist Award at National Symposium held at DUVASU, Mathura during November, 2013.


6. **Dr. K. Raja Kishore, Assistant Professor**, Department of Animal Nutrition got best poster award at National Conference on “Current National Concepts for productivity Enhancement in Livestock and Poultry” held on 29-30th August, 2013 at Madras Veterinary College, Chennai-7 organized by Central Feed Technology unit, TANUVAS.

**Official Abroad Visits by Staff**

Dr. V. Rama Devi, Professor & Head, Department of Veterinary Pathology visited Malaysia during the month of November, 2013 and presented a paper entitled “Histopathological findings and immunohistochemical detection of JSRV protein in the lungs of Indian sheep with naturally occurring pulmonary adenocarcinoma”.
Sports, Games and other student activities

One student of this College has participated in youth festival held at UAS, Bangalore.

Nine students of this College were selected and are going to participate in the XV All India Inter Agricultural Universities Sports & Games meet 2013-14 at Assam Agricultural University, Jorhat.

NSS activities

1. Conducted awareness programme on the occasion of World Literacy Day (08-09-2013) at Kesarapalli Village.

2. Conducted seven days special NSS Camp for final year B.V.Sc & A.H students as a part of internship programme from 24-09-2013 to 30-09-2013 in seven villages of different mandals of Krishna District. A total of 64 students and teaching staff of the College have participated.

3. Blood donation camp was organized at NTR College of Veterinary Science, Gannavaram under the auspices of Indian Red Cross Society, Vijayawada branch, Krishna District in connection with the Human Rights Day (10-12-2013). A total of 18 teaching and non-teaching teaching staff and 45 students attended the camp. About 34 units of blood were donated to Red Cross Society.

4. Free dental camp, Eye camp and Blood donation camp were organized on 02-01-2014 at NTR College of Veterinary Science, Gannavaram in collaborate with Lions Club International, Gannavaram involving staff and students.

5. On 03-02-2014, 35 Thirty five Cherry Plants, were planted in the hostel by the students of NTR College of Veterinary Science, Gannavaram on 3. 2. 2014 as a part of NSS activity.

Visits of VIP Officials/Dignitaries

1. Dr. S. Ayyappan, Director General, ICAR, New Delhi visited the College on 15-11-2013 and interacted with the students.

Civil works completed during the year 2013

ATM has been started in the campus by Andhra Bank for the benefit of staff and students of this College.

Various Civil Works that were going on during the last one year have been completed. This year construction of Livestock Complex will be strengthened by providing Milking Parlour, Calf shed and animal handling yard. Small and large ruminant experimental feeding house with an outlay of Rs.43.00 lakhs and post mortem room were completed during the current year. Old slaughter house is under renovation. New block of 60 seated girls hostel construction has been taken-up during this year. A visitor's lounge at girls hostel and compound wall on the northern side of the main campus of the College have been sanctioned and will be taken-up very shortly.

Facilities required
1. One auditorium is required for conducting the symposia, training programmes, and various student programmes. Building plan for the same has been approved by the University and sanction is awaited.
2. White washing and painting of buildings is required.
3. Sports pavilion is to be constructed.
4. One more block of hostel to accommodate 60 boys is required.
4. Urgent repairs and white washing is required for the existing girls hostel.

Acknowledgement of Services Received by the College
I wish to thank the Government of Andhra Pradesh for issuing orders enhancing the stipend to internees as promised by the Hon'ble Chief Minister Sri. N. Kiran Kumar Reddy garu during his visit to this College.
I thank the Director of Animal Husbandry for allowing our students to visit Ambulatory Clinics in nearby Veterinary Hospitals around Gannavaram and for allotting the Veterinary Poly Clinics and Animal Disease Diagnostic Laboratories for the students undergoing internship training programme and for deputing the officials for conducting viva-voce at the end of internship training programme.

I also thank the authorities of M/S. Srinivasa Hatcheris, Gannavarm, Milk Union, Vijayawada, Sangam Dairy, Vadlamudi, Visakha Dairy, Visakhapatnam and Zoo, Visakhapatnam for imparting excellent training to the Interns in the respective field.

I wish to convey my thanks to the staff of Andhra Pradesh State Police Housing Corporation Ltd., for extending their full cooperation in taking up of various civil constructions. I also thank the staff of APMSIDC for their help in renovation works.

I also thank funding agencies like ICAR, DBT, DST, BMS, RKVY etc., for extending financial support to carryout various research projects at the college.

Last but not least my sincere thanks to the entire University officer's and staff of administrative office, SVVU, Tirupati for extending full co-operation in running this college smoothly and effectively.

Thank you.
MEMORABLE STUDENT DAYS - EVERY ONE’S WISH

Dr. K. BHRAVI
Associate Professor

The thought of student days gives an immense pleasure to every person. Of all, the days of graduation are the most memorable, since the grown individuals with versatile capability are fully conscious and aware of their social surroundings and they also interact with other people without parent’s mediation. During this period, the student is not monitored by parents and is enraptured with individuality and company of contemporary colleagues in a rarefied circle of college of life. Every incident and every moment will be seemed like fun, with maximum elation.

Sometimes with ignorance or with expectation of better outcome or for the sake of fun, some of the incidents happen to end with sorrow. The flaw may be mild, but sometimes it may remains as permanent blot and makes student days an unmemorable, dark period and rarely does it affect your behaviour for the rest of your life.

The days of graduation are the most precious as they give you a great opportunity to develop personality, competitiveness and future earning capability that affects the life style of rest of life. Hence during the days of graduation one must be little cautious, must be wise in taking decision, avoiding controversial parlance, making friendship with likeminded colleagues. Your daily curriculum must be as per institutional student’s curriculum. At the end you might not be a popular figure, but make sure you don’t turn yourself a fool in trying to gain popularity.

Prepare yourself to be mentally and physically strong, since “fate controls only weak, the strong mould the providence they want”. So mould yourself into what you want to be and make student days a happy and memorable days of life.

All’s well that ends well.

Elephants show incredible empathy for others, even different species.
Do You Know This....

Company Name : Origin / Meaning
1. Mercedes : Name of the Daughter of founder
2. Nokia : Name of River in Finland
3. Pepsi : Named from the digestive enzyme Pepsin
4. Honda : From the name of its founder Soichiro Honda
5. Sony : From the Latin word Sonus Meaning Sound
6. Maggi : Food company named after its founder, Julius Maggi
7. Suzuki : From the name of its founder, Michio Suzuki
8. Samsung : Meaning “Three Stars” in Korea
9. Toyota : From the name of founder “Sakichi Toyoda”
10. Yamaha : After Torakusu Yamaha, Who founded the company
11. Adidas : From the name of the founder Adolf (Adi) Dassler (das)

Some Facts you may not be knowing
1. 38% of doctors in America are Indians
2. 12% of the scientist in America are Indians
3. 28% of the IBM employees in the world are Indians
4. 36% of the NASA employees are Indians
5. 17% of the Intel employees in world are Indians
6. 34% of the Microsoft employees are Indians
7. Sanskrit is the most suitable Language for computer
8. Sanskrit is the Mother Language of all european Languages Which Means Swedish Too.
9. Chess was invented in India
10. Indians invented the Number System
11. Algebra was invented in India
12. The general manager of HP (HEWLETT PAKEARD) is Indian (Rajiv Gupta)
13. BHUDHYANA first calculated the value of pi (3:14) and he explained the concept of what is known as the Pythagorean theorem. He discovered this in the 6the century Long before the european mathematicians
14. Indian has the Third Largest army in the world with more than 105 million men

ALBERT EINSTEIN ONCE SAID

We own a lot to the Indians, who taught us how to count, without which no worthwhile scientific have been made.

SAY PROUDLY I AM AN INDIAN
How to Build A better “You”

1. Be Receptive to new ideas
2. Help others, be happy
3. Handle money wisely
4. Make decisions
5. Make some new resolutions
6. Fix your time schedule
7. Start small, build big
8. Dress smart, feel smart

Nice Story

Once, all villages decided to pray for rain god for the rain day of prayer, all people gathered and only one boy came with an umbrella.
That is faith
Example of the feeling of a one year old baby when you throw him in the air, he laugh’s because he knows you will catch him.
That is trust.
Every night we go to bed we have no assurance to wake up alive the next morning. But still we have plans for tomorrow.
That is hope.
INDIA - OUR MOTHER LAND

India My Mother Land
with mighty patriotic band
Its mother of history
but its origin is a mystery.
Ancients invented numerical zero
Bharat became natural hero
Indians discovered the wheel
And saw the world as a peel
We invented formula pie
But, the Britishers call it lie
Young India is great marvel
where people would like to travel
We ar the divinity incarnate
Represents knowledge outright.
Motherland, great product of sages
Is Jagatguru through ages

TRUE EDUCATION

Education is the manifestation of the perfection already
in man. We want that education by which character is formed,
strength of mind is increased, the intellect is expanded, and by
which one can stand on one’s own feet. What we want are Western science
coupled with Vedanta, Bramhacharya as the guiding moto, and also Shraddha
and is one’s own self.

- By Swamy Vivekananda
JOURNEY TO MY COLLEGE

After many hurdles, came to this college
NTR cvsc the name, in a small village

4th sep 2010, we started here
The journey would continue for 5 long years

The first day we entered, afraid and shivering
With thoughts of failing, yet with hopes of career planning

Day by day the college is getting closer
Unless we came here, we may be a loosers

The dome in the centre looks so great
Under which we're settled, to decide our fate

There may be sorrows, there may be fun
Anyways this is the college which we have won

Our fate, our future
Our destiny, our treasure
Our college, our pleasure.

IMPORTANCE OF VETERINARY SCIENCE

We have failed to impress the world with the importance of our branch of applied science, the genrality of makind continues to underestimate the veterinary potential in the advancement of this civilisation. The sequel is a somewhat alien status among other sciences, a manifestly slow development, and a lack of public support, notwithstanding man's dependence upon a thriving agriculture.

Considering that man and his animals as a working unit is the frontier of all human achievements, the eroneus concept of veterinary medicine in the affairs of mankind is quite a paradox. Whether to blame the general population or ourselves is a subject that cannot be creamed into a short sketch for within our own group, many could be indicated for not being more curious about man's dependence upon farm animals for survival.
Our first task is to cultivate a clear understanding of what veterinary medicine does for the advancement of civilised people. We have perhaps been too serenely contented without scientific accomplishments and too little concerned overall influence of animal science by playing up the clinical rather than the professional side of our work, we are putting the cart before the horse.

In short, the farm animals have been man's most precious possession. In fact more than 60 years of observation comprising association and college work, general practice, live stock sanitary service and a short flying at military life have convinced that domestic animals are as needful as the sun and rain.

If we could crystallise that thought in more human minds, the path of veterinary science would be comparatively easy and the tillers of the soil would enjoy a higher rating on the scale of industrial differentiation.

The need to attract the right applicants to veterinary school, to produce the right graduates. There is a case for inflecting the training of those veterinary students with an interest in farm animal work. Efforts should be focussed on transition between graduation and first employment.

Veterinary profession is of scientific professionalism other than a strong self identity as providers of services to business. The profession should seize the initiative, developing its own vision of the future of food, animal veterinary medicine and working collaboratively to make that vision a reality.

The veterinary profession on its own cannot overcome the marginalisation of food animal veterinary medicine veterinarians and the farmer customers should address the lack of awareness poor marketing and weak communication that constitute the status government for livestock veterinary sciences is weighed heavily towards prevailing disease control priorities and commitments. A more relevant factor is the need to prepare graduates for the disparity between veterinary school environment and the to which key partners is food and farming industries, the veterinary profession, government and others are prepared to adapt their roles and responsibilities and work together.
KNOW YOUR NATION

1. INDIANS had harappan culture in sindhu valley, while entire world was leading nomadic life, without any culture.
2. India never invaded any country in her last 1000 years of history.
3. Sanskrit is the mother of all the European Languages. Sanskrit is the most suitable language for computer software – a report in Forbes magazine July 1987.
4. India has the largest pool of Scientist and Engineers in the World.
5. India is the second largest English speaking nation in the world.
6. India was the richest among all countries and only diamond producing country in the world till the time of British invasion.
7. Christopher Columbus, attracted by India’s wealth, had come looking for a sea route to India when he discovered America by mistake.
8. The Vishnu Temple in the city of Tirupathi built in the 10th century, is the world’s largest religious pilgrimage destination, Larger than either Rome or Mecca.
9. ISKCON from INDIA is the 2nd largest spreading religion after Christianity in the world.
10. The Kumbh Mela is considered as the world’s biggest gathering. The mass of people is even photographed from space by a satellite for every 12 years.
11. Numbering system, zero, place value system, decimal system, game of snakes & ladders (mokshapat), Chess (Shatranja or AshtaPada) , Martial Arts, Algebra, Trigonometry , Calculus, value of pi, spinning of cotton, university system(takshila in 700 B.C), art of navigation were first invented or introduced by Indians.
12. With 800 dialects,15 major Languages, 8 major religions,28 states india is the largest democratic country in the world.
13. Over 2600 years ago Sushrata conducted complicated surgeries like cataract, artificial limbs, cesareans, fractures, urinary stones and also plastic surgery and brain surgeries.

Proud to be Indian!
Jai Hind!

The heaviest flying bird is the King Bustard of Africa, it weighs about 19 kg!
Who Was “Dhyan Chand”??

Once upon a time the Indian Hockey Team was on foreign tour, they played 48 matches and won all of them and Dhyan Chand scored 400 goals ALONE!! ...3 Olympic Gold Medals.

India was unbeatable for 20 years. We beat US in a Olympic Match by 24 goals which is still a World Record and since then US people forgot how to play Hockey....

Dhyan Chand LED INDIA both in HOKEY FIELD and BATTLE FIELD.

Major Dhyan Chand - The Greatest Hockey Player (The Magician).

PROFILE:
1. Three consecutive Olympic Gold medals
2. Over 400 international goals (1000 overall!)

MOMENTS:
Once Major Dhyan Chand was not able to score a goal against the opposition team. After several misses, he argued with the match referee regarding the measurement of the goal post, and amazingly, he was proven right!

In the 1936 Olympics, Dhyan Chand’s magical stick-work drew large crowds. A German newspaper had the headline:

‘The Olympic complex now has a magic show too.’

The next day, there were posters all over Berlin:

“Visit the hockey stadium to watch the Indian magician Dhyan Chand in action.”

IN THE OLYMPIC FINALE:
India won gold by defeating Mighty Germany with 7 goals lead!! and he alone scored 6 Goals.

Hitler was so impressed by Dhyan Chand’s wizardry with the stick that he offered the Indian a chance to move to Germany and the post of Colonel in his army.
BUT
He refused the offer with a smile and continued his service in the Indian Army.

During a match with Germany in the 1936 Olympics, Dhyan Chand lost a tooth in a collision with the aggressive goalkeeper. Returning to the field after medical attention, Dhyan Chand reportedly told the players to teach a lesson to the Germans BY NOT SCORING. The Indians repeatedly took the ball to the German circle only to backpedal.

Sir Don Bradman and Dhyan Chand once came face to face at Adelaide in 1935. After watching Dhyan Chand in action, Don Bradman remarked, “He scores goals like runs in cricket!”

Residents of Vienna, Austria, have set up a statue of him with four hands and four sticks, depicting his control and mastery over the ball.

Last and Best:
In his last days, he was short of money but he never coached any foreign team for the fear of his team defeating the Indian team.

N. SIVA RAMA KRISHNA
KV/12 - 015
Interesting Facts

Some interesting facts about birds:

- The oldest bird was known as an Archaeopteryx and lived about 150 million years ago. It was the size of a raven, was covered with feathers, and had wings.

- The most yolks ever found in a single chicken’s egg is nine.

- An ostrich egg needs to be boiled for 2 hours to get a hard-boiled egg.

- The Royal Albatross’ eggs take 79 days to hatch.

- The egg of the hummingbird is the world’s smallest bird’s egg; the egg of the ostrich, the world’s largest.

- The now-extinct elephant bird of Madagascar laid an egg that weighed 27 pounds.

- Precocial birds like chickens, ostriches, ducks, and seagulls hatch ready to move around. They come from eggs with bigger yolks than altricial birds like owls, woodpeckers, and most small songbirds that need a lot of care from parents in order to survive.

- Air sacs may make up 1/5 of the body volume of a bird.

- A bird’s normal body temperature is usually 7-8 degrees hotter than a human’s. Up to three-quarters of the air a bird breathes is used just for cooling down since they are unable to sweat.

- A bird’s heart beats 400 times per minute while resting and up to 1000 beats per minute while flying.

- The world’s only wingless bird is the kiwi of New Zealand.

- Migrating ducks and geese often fly in V-shape formations. Each bird flies in the upwash of its neighbor’s beating wings and this extra bit of supporting wind increases lift, thereby saving energy.
- Falcons can swoop at over 200 mph.
- Penguins, ostriches, and dodo birds are all birds that do not fly.
- Hummingbirds eat about every ten minutes, slurping down twice their body weight in nectar every day.
- The homing pigeon, Cher Ami, lost an eye and a leg while carrying a message in World War I. Cher Ami won the Distinguished Service Cross. Its leg was replaced with a wooden leg.
- The only known poisonous bird in the world is the hooded pitohui of Papua, New Guinea. The poison is found in its skin and feathers.
- The American turkey vulture helps human engineers detect cracked or broken underground fuel pipes. The leaking fuel smells like vulture food (they eat carrion), and the clustered birds show repair people where the lines need fixing.
A FEW DOG FACTS:
§ A dog’s heart beats between 70 and 120 times a minute, compared with a human heart which beats 70 to 80 times a minute.
§ A dog’s normal body temperature is 100.5 to 102.5 degrees Fahrenheit.
§ A female carries her young about 60 days before the puppies are born.
§ According to the Guinness Book of World Records, the smallest dog on record was a Yorkshire Terrier in Great Britain who, at the age of 2, weighed just 4 ounces.
§ The longest lived dog, according to the Guinness Book of World Records, was an Australian Cattle Dog, named Bluey, who lived to be 29.
§ An adult dog has 42 teeth.
§ It is a myth that dogs are color blind. They can actually see in color, just not as vividly as humans. It is akin to our vision at dusk.
§ If never spayed or neutered, a female dog, her mate, and their puppies could produce over 66,000 dogs in 6 years!
§ The only sweat glands a dog has are between the paw pads.
§ In 1957, Laika became the first living being in space via an earth satellite.
§ The world’s smartest dogs are thought to be (1) the border collie, (2) the poodle, and (3) the golden retriever.
§ A dog’s smell is more than 100,000 times stronger than that of a human’s.
§ Chocolate contains a substance known as theobromine (similar to caffeine) which can kill dogs or at the very least make them violently ill.
§ Dogs’ sense of hearing is more than ten times more acute than a human’s.
§ More than 1 in 3 American families own a dog.
§ Dogs don’t like rain because the sound is amplified and hurts
their very sensitive ears.

The ten most popular dogs (AKC, 2007) are in order: Labrador Retriever, Yorkshire Terrier, German Shepherd, Golden Retriever, Beagle, Boxer, Dachshund, Poodle, Shih Tzu, and Bulldog.

Dogs were the first animals domesticated by people.

A greyhound can run as fast as 45 miles an hour.

Spaying/neutering your dog before the age of 6 months can help prevent cancer in your dog.

Puppies acquire a full mouth of permanent teeth between four and seven months old.

Small dogs live the longest. Toy breeds live up to 16 years or more. Larger dogs average 7 – 12 years. Veterinary medicine have extended this estimate by about three years. However, some breeds, such as Tibetan terrier live as long as twenty years.

Eighty percent of dog owners buy their dog a present for holidays and birthdays. More than half of them sign letters and cards from themselves and their pets.

The dog name “Fido” is from Latin and means “fidelity.”

The U.S. has the highest dog population in the world.

Most pet owners (94 percent) say their pet makes them smile more than once a day.

Dogs are mentioned 14 times in the Bible.

It has been established that people who own pets live longer, have less stress, and have fewer heart attacks.

All dogs can be traced back 40 million years ago to a weasel-like animal called the Miacis which dwelled in trees and dens. The Miacis later evolved into the Tomarctus, a direct forbearer of the genus Canis, which includes the wolf and jackal as well as the dog.

Seventy percent of people sign their pet’s name on greeting cards and 58 percent include their pets in family and holiday portraits, according to a survey done by the American Animal Hospital Association.

A dog’s whiskers are touch-sensitive hairs called vibrissae. They are found on the muzzle, above the eyes and below the jaws, and can actually sense tiny changes in airflow.

The origin of amputating a dog’s tail may go back to the Roman writer Lucius Columella’s (A.D. 4-70) assertion that tail docking prevented rabies.

Dogs can smell about 1,000 times better than humans. While humans have 5 million smell-detecting cells, dogs have more than 220 million. The part of the brain that interprets smell is also four times larger in dogs than in humans.

Do you know that Sharks have no bones, their skeleton is made up of cartilage.
Technology is the branch of knowledge that deals with the creation of many new things and studying about their technical interrelationships. From earlier man to modern man wants to make their life comfort and easier this wish leads to the development of technology. Technology development begun by inventing fire and instrument by ancient man to certain of robots by modern man. Human knowledge can also be estimated by the improvement of technology. Our ancient man faced lot of problems to lead their life like lack of light during night, lack of communication etc. Electric bulb was first invented by Thomas alwa Edison and solved the problem of light. There are many ways invented by modern man for communication just like telephone was invented by graham bell, many motor vehicles which uses many types of oils as fuels are developed and many modern vehicles can use gas and solar energy as fuel are recent achievements. Inventing calculator, computer and robots made many activities. These are all the examples for achievements in technology. Technology is vast and is improving till human brain works. In future we are going to notice many miracles in the improvement of technology. Due to development of many machines and instruments by using technology we are benefiting a lot and leading our life very comfortable. Though we have many uses by the development of technology we have some disadvantages just like pollution of air, water, sound etc. by the motor vehicles, by releasing many toxic substances from factories into nature it leads to development of many different types of viruses by mutations and it leads to many different types of diseases etc. So use technology till it does not harm us. “Technology is a medicine if we use it up to requirement if we misuse it will act as poison.”

Rabbits can see behind them, but have a blind spot in front of their face.
Veterinary medicine and animal keeping in ancients India

M. GANESH GIRI SAI
GV/09 - 067

Domestication of dogs, buffaloes, elephants, and fowls occurred in India between 6000 and 4500 BC. Strong archaeological evidence is available for existence of an advanced civilization in Mohenjo-daro, Harappa (now in Pakistan) and certain other places in northern India around 2500 BC. The people of these civilizations had both humped and humpless cows, buffaloes, elephants, goats, fowl, etc. Cattle husbandry was well developed during the Rigvedic period (1500–1000 BC) and the cow (Kamdhenu) was adored and considered the ‘best wealth’ of mankind. Aryans laid great emphasis on protection of cows. Atharvaveda provides interesting information about ailments of animals, herbal medicines, and cure of diseases. Shalihotra, the first known veterinarian of the world, was an expert in horse husbandry and medicine and composed a text Haya Ayurveda. Sage Palakapya was an expert dealing with elephants and composed a text Gaja Ayurveda. During Mahabharata period (1000 BC), Nakula and Sahadeva, the two Pandava brothers were experts of horse and cattle husbandry, respectively. Lord Krishna was an expert caretaker and conservator of cow husbandry. Gokul and Mathura were famous for excellent breeds of cows, high milk production, quality curd, butter, and other products. Buddha was a great protector of all kinds of animals and birds (including game) in ancient India as he preached lessons of non-violence to masses. Graeco-Romans imported livestock from India after invasion by Alexander. These descriptions are available in Indika, a book authored by Megasthenes, the ambassador of Seleucus Nikator, king of Macedonia in the court of Chandragupta Maurya. The great king Ashoka (300 BC) erected the first known veterinary hospitals of the world. He arranged cultivation of herbal medicines for men and animals in his empire and adjoining kingdoms. In a famous text, the Arthashastra (science of economics) composed by Kautilya, the guide and political advisor of emperor Chandragupta Maurya, a lot of information is available about different animal (elephant, horse, and cow) departments, grazing lands, rules of meat science, livestock products like skin and fur, and veterinary jurisprudence. This knowledge flourished during the great Hindu kings of the Gupta period up to 800 AD before Islamic followers invaded India.
Snake venom as a valuable medicine

Ancient India had the distinction of having the advanced center of toxicological and herbal research in Taxila. As per Indian history, as mentioned in Rasa Granthas (books dealing with mercury and snake venom), Hindus were pioneers in the use of snake venom in medicine. During the ancient period, it was popularly known that in a very small dose, given by oral route, snake venom was one of the most powerful stimulants and if snake venom is mixed with bile of animals, its action becomes totally different. Few of the most important medicines prepared during the period from young and healthy black cobra, for the healing of sick humans and animals were: (1) Suchikabharana – a preparation of cobra venom containing mercury, sulfur, lead and aconite mixed in equal parts and soaked in the bile of rohu fish, wild boar, peacock, buffalo, and goat. This mixture was dried in a cool place and powdered. Administered in small doses (as "point of needle"), it was effective in a number of diseases such as plague, fever, coma, tuberculosis, etc.; and (2) Ardhanarisvara Rasa – It was prepared by mixing and triturating one part each of mercury, sulfur, aconite root, and borax. This mixture is then put in the mouth of black cobra and the mouth closed with mud. The head is covered with salt in earthen vessel. The pot is covered with mud and mild heat is applied constantly for 12 hours. The medicinal preparation is then triturated into fine powder for use as snuff for treatment of obstinate fever. Similarly, other medicinal agents, viz., Brihat Suchikabharana, Aghorenrisingharana, and Kalanala Rasa were also prepared with different snake venoms. At present, in the Homeopathy system of medicine, some excellent medicines (Lachesis, Cenchrus Contortrix, Toxicophis, Bothrops Lanciolatus, and Lachesis Lanciolatus) are also prepared from snake venom (Srivastava, 2002).

Elephant medicine or Gaja Ayurveda

Palakapya, an ultimate authority on elephant medicine belonged to the Rigvedic period 2000– 4000 BC. The Gautam Samhita, the Ashva Ayurveda, and Hastya Ayurveda are the only treatises on animal science till now. Palakapya wrote Hastya Ayurveda or Gaja Ayurveda dealing with elephant medicine and dedicated to Lord Ganesha. Elephant medicine and surgery were divided into four parts by Palakapya, viz., Maha Rogsthan or major diseases, Ksudra Rogsthanor minor diseases, Salyasthan or surgery, and materia medica-diet and hygiene. He classified various ailments of elephants into: Adhyatmika (physical) and Agantuka (accidental or incidental); physical classes of ailments were called Manasa (caused by mental diseases) and Dosaja [caused by disorder of bodily humors – vata (air), pitta (bile), and kapha (phlegm)]. Hastya Ayurveda also mentions about anatomy of elephant, treatment of different kinds of diseases, training of elephant, and also classification of elephants on the basis of a number of characteristics.
Equine medicine or Haya Ayurveda

There is no legend of horses in the seal of Mohanjo-daro, Harappa, Kalibangan and in Indus Valley culture. Amongst 18 gems recovered in Samudramanthan by gods and demons, the horse named Uccasrava was possibly the first known horse of puranik (ancient) India. The Aryans introduced horses for rapid transportation. Pack, riding, chariot, war, race, and even plowing horses were frequently mentioned in the Vedic age (1500–1000 BC). The Aryans took advantage of the trained horses to march into the fertile land of Iran and Mesopotamia. The Aryan chariot (ratha) is depicted at Sanchi. In the later Vedic period (1000–600 BC), Buddhist period (600 BC), and Mauryan period (400 BC), the use of horses was well documented. In the Mauryan age (322–232 BC), equine husbandry made tremendous progress and these were used for riding and for war. The royal horses were under the charge of a superintendent of horses (Asva adhyakacha), who used to register the breed, age, color, and place of origin. Detailed accounts of housing and feeding of horses were mentioned in Arthashastra. Veterinary doctors and horse trainers were assigned free endowment. In the Gupta dynasty (300–550 AD), horses were given more importance than elephants in Samudragupta’s army because of their speed and easy maneuverability. He also performed Ashvamedha yagna to proclaim his imperial power and issued a gold coin depicting a horse. Skandagupta (455–467 AD) was shattered by Huns, who were expert horse riders. The Kansauj empire (606–647 AD) has also been mentioned to use saddled horses in warfare.

Medicinal importance of Panchgavya or cow therapy

Panchgavya or cow therapy is a holistic approach of treatment mentioned in the holy Vedas. Panchgavya means five main materials received from cows including milk, curd, ghee, urine, and dung. They are known for remedial values when consumed or applied externally or sprayed in the environment. Scientific evaluation of these elements revealed individually or collectively that they enhance the immune responses of the body when used. The Kamdhenu Ark prepared from cow urine is effective in treatment of kidney disorders and diabetes mellitus. It has also been found to increase phagocytosis by macrophages and thus helpful in prevention and control of bacterial infections. The cow urine has antioxidant property and protects DNA damage due to mitomycin-C induced chromosomal aberrations. In Ayurveda, the cow urine is also termed as ‘Sanjivani’. Similarly, the cow dung keeps the environment free from pollution and does not allow any radiation effect. Most of the skin diseases can be cured by its application. The cow milk, curd, and ghee are known for high nutritive value and effective in a number of human ailments. Curd and buttermilk are good appetizers and keep the digestive system normal through sustainable maintenance of pro-biotic bacteria. Cow ghee has been reported to improve memory and reduce mental tension. However, Panchgavya therapy is useful only when the elements of Panchgavya are collected from a pastured Indian native or desi cow (Zebu cattle).
MILKA - THE FLYING SIKH

Milkha Singh has been an Indian Athlete, and considered to be one of the greatest Athletes the nation has ever produced. Also, nicknamed as the Flying Sikh; Milkha has been the only Indian Athlete till date to have broken an Olympic Record, still he lost the Bronze Medal in the 400m event at Rome Olympic Games 1960 by just 0.1 seconds.

Achievements:
- Won the 200 and 400 meters events in the 1956 Tokyo Asian Games
- Won the 400 meters at the 1958 Cardiff Commonwealth Games
- Broke the Olympic record for the 400 meters event while finishing fourth in the 1960 Rome Olympic Games.

International Career

Milkha represented the nation in the Melbourne Olympic Games 1956, his first Olympic event. Although he couldn’t fare quite well at the event being less experienced at the time, he learnt a lot from the competition to prepare himself well for the future meets.

The Golden Period

Probably the best period during Milkha’s career as an Athlete arrived between the year 1958 and 1960. He won Gold Medals in both 200m and 400m events at the Tokyo Asian Games 1958, clocking 21.6 seconds and 47 seconds respectively. At the Cardiff Commonwealth Games held the same year, he improved his 400m timing to 46.16 seconds, and grabbed a Gold Medal again.

The Flying Sikh

Milkha Singh defeated the Fastest Pakistani runner Abdul Khaliq who had won a 100m Gold Medal at Tokyo Asian Games 1958 in the year 1962, and the Pak President Ayub Khan named him ‘The Flying Sikh’, a name that has became immortal forever in the history of Indian Athletics.

Awards & Honors

Honoring the incredible and hitherto the best performance by any Indian Athlete that Milkha Singh delivered throughout his sports career, he was bestowed upon the Padma Shri award (1958) and the Arjuna Award by the Government.
13 BATCH

FRESHERS
11th Batch

ELITE ELEVEN'S
EVER ROCKING
BATCH - 08

K. Appala Suri, M. Durga Prasad, D. Dilip
B. Gopi Krishna, N. Rama Lakshmi
A. Anu Rupa, T. Anusha, Chaya Vinaya Devi
S. Asha Kumari, Ch. Chaitanya Mani

K. V. S. N. Kishore, Ch. Harish Kantha
M. Durga Prasad Babu, V. Hensha, G. Kiran Kumar
Ch. Kishore Kumar, Y. Hema Latha
G. Kalpana Kumari, S. Leela Rani, S. Karuna
B. Govind Sahitya, M. Hema Priya

M. Mohan Kishore, A. Praveen Kumar
B. Prasanna Swamy, K. Pradeep Kumar
Priyanka, A. Naga Sravani
M. V. V. Naga Sowmya, S. Nazma
M. Pragnya Chaitanya, N. Rama Lakshmi
EVER ROCKING
BATCH - 08

Ch. Sharmukha Rao, S. Salish, P.V. Sarath Chandra
V. Rama, P. Sudheer, Ch. Salu Madhuri, L. Sruthi,
K. Salajja, S. Sahitya, K. Swapna, Sk. Reshma

Alok Kumar, D. Yedukondalu, K. Mahendra
K. Venkateswara Rao, P. Swathi
N. Usha, B. Sai Aswini, K. Uma Bhanthi
K. Viswaja Raj, V. Tejaswi

G.R.A.S. Srinivas, N. Harikrishna
P. Chandanya Shankar, P. Mahesh
K. Praveen Kumar, T. MahansRao
P. Yaswanth Naidu, Sk. Kureemulla
L. Pradeep Kumar, K.V.S. Raghavamma
Manjusha Rani, Mantru naik

50
The post Graduates From NTR CVSc Since Inception of College

Dr. M. Mahesh
Dr. M. Murati Krishna
Dr. R. Hemanth Kumar

Dr. G.N.Y. Prasad
Dr. Harsha Vardhan Kotla
Dr. V. Ramana
Dr. K. Ravi

Dr. B. Pradeep Naidu
Dr. S. Vemakeswarlu
Dr. B. Vamsi Krishna
Dr. P. Anil

Dr. Cheryll Dorph Niranヴァ
Dr. G. Rambabu
Dr. V. Govind
Dr. K. Lavanya

2008 Batch

2009 Batch

2011 Batch
DEPARTMENT OF VETERINARY ANATOMY

The department started functioning from the year 1998 and was upgraded to offer Post Graduate programme from the year 2009-10.

Faculty in position:
1. Dr. Y. Nagamalleswari, **Professor & Head**
2. Dr. K. Archana, **Assistant Professor**
3. Dr. G.S.S. Chandana, **Assistant Professor**

The Heads of the Department since inception:
- Dr. S. Gopinath
- Dr. P.V.S. Kishore,
- Dr. N.K.B. Raju.

The department is well equipped with skeletons and specimens of various species, interactive CDs, videos on animal dissection and other teaching aids. The department also has a well maintained museum with several plastinated specimens prepared by the staff.

The faculty regularly attends various professional conferences and brings laurels to the institute and University. Dr. Y. Nagamalleswari formerly worked as Assistant Professor (2008-10) in CVMNAH Tuskegee University, Alabama, USA. She has received several awards in her career and recently presented a paper in the 48th Annual Veterinary Symposium at CVMNAH, Tuskegee University, Alabama, USA during March 2013.

Dr. P.V.S. Kishore, former Head of the department also received several awards including Dr. K.S. Roy award during the year 2011.
The department has received BMS Fellowship Grant of US$8,000 in 2009, Rs. 4,67,250/- in 2010 and Rs. 4,56,000/- in 2012 as financial assistance for post graduate student research programs from M/s. Bristol-Myers Squibb (BMS), Bangalore.

**DEPARTMENT OF VETERINARY PHYSIOLOGY**

Department of Veterinary Physiology started functioning from the year 1998 and is well established with all the required infrastructure as per VCI standards.

Faculty in position:

Dr. E. Muralinath, Assistant Professor & Head
Dr. I.V.S. Kumari, Assistant Professor
Dr. Iqbal Hyder, Assistant Professor
Dr. K. Krishna Reddy, Professor (Rtd)(contract teaching faculty)

Succession of Heads of the Department:

Dr. K. Krishna Reddy, Professor
Dr. Ch. Srinivasa Prasad, Associate Professor

*Now don't laugh, there are more dogs in Paris than there are people.*
DEPARTMENT OF VETERINARY BIOCHEMISTRY

The department started functioning from year 1999 and is actively involved in teaching and biochemical analysis of clinical samples.

Faculty in position:
Dr. P. Ravi Kumar, Professor & i/c Head
Dr. T. Prasada Rao, Assistant Professor (on external deputation for Ph.D.)
Dr. P. Kalyani, Assistant Professor
Dr. T.V. Chaitanya Kumar, Assistant Professor
Dr. S. Gangu Naidu, Assistant Professor
Mr. S. Parasuram, Teaching Assistant (contract basis)

Previously Dr. Srinivasulu Naidu (Professor, 1998-1999), Dr. K. Joji Reddy (Professor, 1999-2001), Dr. K. Aswani Kumar (Assistant Professor, 1999-2012 which includes 3 years of study leave from 2009-2012) and Dr. Vasili Ashok (Assistant Professor, 2001-2004) worked in the department and contributed for its all round development.

The department is fully equipped to meet all the specified requirements of VCI. Besides the regular academic activity, the faculty involves interested UG students in various research activities. This practice not only imparts hands on expertise to them but also motivates to build their future career. Acceptance of one research paper based on their work in a national conference stands as an example for this activity going on in the department.

DEPARTMENT OF VETERINARY PHARMACOLOGY & TOXICOLOGY

The Department of Veterinary Pharmacology & Toxicology was started functioning in the college from 07.02.2001 with joining of Dr. K. Bharavi, Assistant Professor. Since then the department was gradually established by the faculty members to meet the prescribed standards of VCI. It is one of the departments in the college.
recognized for offering post graduate programme from the year 2008-2009 onwards with intake of three fresh students and subsequently Ph.D. programme from the year 2013-14 onwards.

Faculty in position:
Dr. G. Srinivesa Rao, Professor & Head
Dr. P. Ravi Kumar, Professor
Dr. K. Bharavi, Associate Professor
Dr. G. Srividya, Assistant Professor

Succession of Heads of the Department:
Dr. P. Ravi Kumar (24.09.2001 to 19.02.2006)
Dr. U. Venkateswarlu (20.02.2006 to 16.03.2007)
Dr. P. Ravi Kumar (17.03.2007 to 31.12.2007)

Research Projects completed and on going:

1. Monitoring of drug residues and environmental pollutants – ICAR Collaborating centre for Net work – total out lay of the project Rs.88.9lakhs

2. Screening of flavonoids (phytochemicals) against bovine mastitis pathogens in vitro – SVVU – Rs4.0lakh

3. Role of inflammation and Curcumin on pharmacokinetics of phenacetin, a CYP1A2 substrate in rats - BMS Post graduate fellowship for M.V.Sc., - US$9000

4. Pharmacokinetic interaction studies between breast cancer resistance protein (BCRP) inhibiting flavonoids and ciprofloxacine in rats- BMS Post graduate fellowship for M.V.Sc., - US$8000

5. Screening for antibacterial activity of some selected folklore medicinal plants - APCOST for under graduates – Rs.10,000/-
DEPARTMENT OF VETERINARY PARASITOLOGY

The Department of Parasitology was established in the year 1999 with two senior faculty members namely Dr. D. Gowri Sankar and Dr. P.Ramakrishna Reddy. Apart from teaching, the staff is actively involved in research, extension and disease diagnostic activities. The department is upgraded to offer M.V.Sc., programme from the year 2013-14.

A multi institutional DBT research project entitled “Restriction Enzyme Mediated Integration (REMI) as a strategy for stable transformants of Theileria annulata” in collaboration with Dept. of Pathology, Madras Veterinary College, Chennai with a total cost of Rs. 56,38,600/- started in the year 2013 under the Principal Investigatorship of Dr. L.Jeyabal, Assistant Professor, with NTR CVSc., Gannavaram as the lead center.

Faculty in position:

Dr. P. Malakondaiah, Professor & Head
Dr. C. Sreedevi, Associate Professor (on deputation from CVSc, Proddatur)
Dr. L. Jeyabal, Assistant Professor
Dr. Ch. Jyothisree, Assistant Professor (on study leave)
Dr. J. Jaya Lakshmi, Assistant Professor

Succession of Heads of the department since inception:

1. Dr. Gowri Sankar (20.4.99 to 2.11.99)
2. Dr. P.R. Reddy (13.11.99 to 31.3.2001)
3. Dr. D. Gowri Sankar (1.4.2001 to 30.4.2001)
4. Dr. S. Gopinath (1.5.2001 to 30.9.2001)

An elephant can smell water from a distance of three miles.
8. Dr. B.V.D. Kumar (1.5.2004 to 31.10.2004)
9. Dr. P. Ravi Kumar (1.11.2005 to 8.11.2006)
10. Dr. C. Sreedevi (9.11.2006 to 3.2.2007)
11. Dr. V. Rama Devi (4.2.2007 to 31.6.2007)
12. Dr. V. C. Rayulu (1.7.2007 to 9.6.2008)
13. Dr. C. Sreedevi (10.6.2008 to 7.11.2012)

DEPARTMENT OF VETERINARY MICROBIOLOGY

The department was started by Dr. M.V. Subba Rao in 1999. Dr. B.J.R. Sharma and Dr. M. Satyanarayana Chetty took classes on weekly credit hours basis operating from C. V. Sc., Rajendranagar, Hyderabad till August 2001. In August 2001, Dr. M. Satyanarana Chetty was posted as Professor of Veterinary Microbiology on regular appointment. The department offers under-graduate courses as per VCI guidelines. Postgraduate Programme (M.V.Sc in Veterinary Microbiology) was started in the academic year 2010-11. The department also offers courses (minor) for M.V.Sc., students in other Para-clinical and clinical departments of the college.

Separate labs for Bacteriology, Virology (cell culture) and Immunology are available. The department has required equipment for under graduate practical classes as well as for the post graduate student's research work. Advanced facilities from conventional PCR to Rear Time PCR are procured under externally funded research projects.

All the teaching staff underwent refresher/orientation training programmes in India. Dr. K. Subramanyam and Dr. R.N. Ramanipushpa underwent training for three months in 2010 at University of Nottingham, UK.

Faculty in position:
1. Dr. K.V. Subramanyam, Associate Professor & Head
2. Dr. K. Lakshmi Kavitha, Assistant Professor
3. Dr. M. Sreevani, Assistant Professor
4. Dr. B. Deepthi, Assistant Professor

Faculty served previously:
1. Dr. M.V. Subba Rao, Professor
2. Dr. B.J.R. Sharma, Professor
3. Dr. M. Styanarayana Chetty, Professor
4. Dr. Y. Narasimha Reddy, Professor
5. Dr. P.N. Ramani Pushpa, Assistant Professor
6. Dr. K. Suresh Varma, Assistant Professor
7. Dr. P. Anand Kumar, Associate Professor
Research Projects :

Completed:

1. State plan research project funded by SVVU - Principal Investigator : Dr. K.V. Subramanyam. Co Investigator : Dr. R.N. Ramanipushpa . (2008-09)

2. Dr. P. Anand Kumar was Co-Investigator for the DBT funded research project on “Development and evaluation of acellular biomaterial of marine origin for tissue repair in bovine” (2009-12) and also state plan research project on “Screening of flavonoids (phytochemicals) against bovine mastitis pathogens in vitro” (2008-09, 2010-11)

3. Dr. K. Lakshmi Kavitha was Co-Investigator for the DBT funded research project on “Development, standardization and field evaluation of thermo stable Newcastle disease vaccine strains for use in village chicken” (2010-13).

On-going :

1. NIAB-DBT funded research entitled “Antibiotic resistance of bacterial pathogens and cytokines mediated mammary tissue damage in bubaline mastitis: Role of polyphenols and NISDIs” from April 2012 to 2015 with a budget of Rs. 30.29 lakhs contingencies and Real time PCR instrument worth of Rs. 16.00 lakhs. Principal investigator : Dr. P. Anand Kumar

2. Intervet India Pvt. Ltd. Pune funded research grant project “Diagnosis of respiratory diseases in poultry with reference to *Avibacterium paragallinarum* and *Omithobacterium rhinotraceaeale*” was started in the year 2008. Budget Rs. 1.2 lakhs. Principal investigator: Dr. P. Anand Kumar

3. DBT funded project entitled “Isolation and characterization of lytic bacteriophages with special reference to therapeutic application in buffalo” from June 2011 to 2014 with a budget of Rs. 19.15 lakhs. Principal investigator: Dr. K. Lakshmi Kavitha.
4. Dr. K. Lakshmi Kavitha is Co-Principal Investigator for the DST funded project entitled "Methicillin Resistant Staphylococcus aureus as a zoonotic pathogen: Epidemiological survey and molecular characterization" from April 2012 to 2015.

DEPARTMENT OF VETERINARY PATHOLOGY

The department started functioning, offering Undergraduate courses, from May, 1998 and was upgraded to offer Postgraduate programme (M.V.Sc.) from the year 2008-09. The Department has a well maintained museum and good collection of teaching aids for imparting practical knowledge to students. So far three students have completed M.V.Sc., degree from the department. Starting Ph.D. programme is under consideration.

Faculty in position:
1. Dr. V. Rama Devi, Professor & Head
2. Dr. P. Annapurna, Associate Professor
3. Dr. K. Satheesh, Associate Professor
4. Dr. V. Samatha, Assistant Professor
5. Dr. T. Chandranath, Assistant Professor

Succession of Heads of the Department:
The department was initially headed by Dr. P. Annapurna from 20.4.1999 to 5.5.2000 and subsequently it was under in-charge headship from 6.5.2000 to 8.5.2003. Later Dr. V. Rama Devi, was the Head of the Department from 9.5.2003 to 22.11.2012, followed by Dr. N. Sailaja for a brief period from 4.6.2013 to 25.7.2013.

Teachers who worked in the department previously:
1. Dr. N. Sasidhar Babu, Assistant Professor (20.10.2001 to 28.10.2005)
2. Dr. N. Sailaja, Assistant Professor (27.10.2005 to 20.07.2009)
3. Dr. G. Sujani, Assistant Professor (on deputation from AH Dept., 20.7.09 to 31.10.12)
Apart from teaching, the faculty is actively engaged in research and diagnostic work by examining the samples received from TVCSC and Animal Husbandry department. The faculty regularly participates in symposia and conferences. Dr. V. Rama Devi visited Germany twice, and recently participated in a collaborative research project on "Immunohistochemical detection and evaluation of pulmonary surfactant proteins of high mobility group a proteins (hmga land 2) and seleno protein p in sheep with pulmonary adenomatosis" at Institute of Pathology, School of Veterinary Medicine, Hanover, Germany for three months from 15.8.2011 to 12.11.2011. Dr. V. Rama Devi also participated and presented a paper in 6th Asian Society of Veterinary Pathology Congress held at Kaula Lumpur, Malaysia from 22-24th November 2013.

A DST (SERB) funded research project entitled "Detection of Jaagsiekte sheep retrovirus (JSRV) in sheep by immunohistochemical and molecular techniques" with a budget outlay of Rs. 43,01,000/-, started in the year 2012 with Dr. V. Rama Devi, Professor, as the Principal Investigator.

DEPARTMENT OF VETERINARY PUBLIC HEALTH AND EPIDEMIOLOGY

The department was started on 10-01-2001. It is well equipped with various equipment required for undergraduate and postgraduate practical classes. Various teaching aids like CDs, laminated photos and charts are being used in teaching UG and PG courses.

Faculty in position:
- Dr. T. Srinivasa Rao, Assistant Professor & Head
- Dr. Ch. Bindu Kiranmaya, Assistant Professor
- Dr. N. Subhashini, Assistant Professor
- Dr. V.D.P. Rao, Professor
  (Rtd) (contract teaching faculty)

The word Spain means “the land of rabbits.”
Faculty who worked in the department since inception:
Dr. N. Krishnaiah (10.01.2001 to 26.02.2005)
Dr. P. Anand Kumar (3-10-2001 to 23-08-2007)

The department collects user charges for the ante-mortem and post-mortem inspection and carcass judgement of food animals slaughtered at the department of Livestock Products Technology and an amount of Rs.1,48,000/- was earned as on 31.03.2014 utilizing the existing infrastructure and expertise without any financial commitment from the university. The department is well equipped with the facilities to carryout water analysis and for screening of brucellosis, a zoonotic disease, in humans and animals.

Research projects:
One DBT funded research project on “Polymerase Chain Reaction (PCR) test for detecting major pathogens of Bovine Mastitis” with budget outlay of Rs. 12.00 lakhs was carried out from April 2005 to March 2007 with Dr. P. Anand Kumar as PI and Dr. T. Srinivasa Rao and Co-Investigator.

One DST research project entitled “Methicillin resistant Staphylococcus aureus (MRSA) as zoonotic pathogen: Epidemiological survey and molecular characterization” funded by the Dept. of Science and Technology, Govt. of India, with a budget outlay of Rs. 35.47 lakhs is in operation from 02.04.2012 and will continue till March 2015. Dr. T. Srinivasa Rao is the Principal Investigator and Dr. K. Lakshmi Kavitha is the Co-investigator for the same.
DEPARTMENT OF ANIMAL NUTRITION

The Department started functioning with the joining of Dr. D.V.G. Krishna Mohan as Professor & Head in the month of May, 1999.

Faculty in position:
1. Dr. D. Srinivas Kumar, Associate Professor & Head
2. Dr. K. Raja Kishore, Assistant Professor
3. Dr. P. Ramesh Babu, Assistant Professor
4. Dr. T. Janardhan Reddy, Professor (Rtd)(contract teaching faculty)

The following teaching staff worked earlier in the Department:
1. Dr. D.V.G. Krishna Mohan, Professor (15.05.1999 to 13.12.2006)
2. Dr. E. Raghava Rao, Professor (25.05.2006 to 21.07.2011)
3. Dr. M. Venkateswarlu, Assistant Professor (01.07.2005 to 19.12.2008)
4. Dr. M.V.A.N. Suryanarayana, Assistant Professor (07.12.2005 to 01.02.2007)

The Department started offering UG courses from 1999-2000 onwards. Experimental animal’s farm was started on 09.09.2003 with 4 buffalo bulls to cater to the needs of research undertaken by the Department. A small Feed Mixing Plant was established under the control of this Department which started its operation on 19.02.2009. The department started offering PG programme from 2008-09 onwards. Till date, three students obtained M.V.Sc., degree from this Department.

Facilities available in the Department:

The department has a seminar hall equipped with furniture, DLP projector and uninterrupted power supply.

Latest equipments like UV Spectrophotometer, Kjeldatherm, Kjeltec, Vapodest-50, Fiber bag apparatus, IR moisture analyzer etc are available in the Department.

Feed analysis of samples pertaining to farmers and AH Department is being carried out by this Department on cost basis as per rates specified by the University.

Small and large ruminant experimental animal sheds are available to carryout feeding trials.
Feed Revolving Fund Scheme:

This is the only Animal Nutrition Department in the University which is having feed revolving fund. The Feed Revolving Fund Scheme started on 08.06.2009 with Rs. 1.0 Lakh as revolving fund for preparation of livestock and poultry feed.

At present, under this scheme, the Department is manufacturing and selling cattle feed, pig feed, poultry mash feed and complete feed catering the needs of college livestock and various research projects of this college.

Under this scheme, feed is also supplied to Livestock Research Station, Garividi and to Buffalo Research Station, Venkataramannagudem.

Significant achievements of staff:

Dr. D.V.G. Krishna Mohan, Professor and a former fellow of DAAD received Kjeldatherm and Vapodest - 50 equipment as donation (appr. 10 lakh worth) from German Academic Exchange Service on 25.01.2001 and is installed in this Department.

Dr. D.V.G. Krishna Mohan, Professor of Animal Nutrition also worked as Associate Dean of the college and Vice Chancellor of SVVU.

Dr. E. Raghava Rao, Professor received State Best Teacher Award on 5th September, 2011 from the Chief Minister of Andhra Pradesh and is currently working as the Associate Dean of this college from 21.07.2011 to till date.

Projects completed:

RKVY project entitled “Technological interventions for improving quality of feed for economical milk and meat production” was carried out at this Department during 2008-09, 2009-10, 2010-11, and 2011-12 by Dr. D. Srinivas Kumar, Assistant Professor as Co-PI.

Ongoing Projects:

RKVY project entitled “Preparation, Propagation and supply of low cost feed by using crop residues and agricultural by-product’s” is in operation from 2012-13 onwards with Dr. Srinivas Kumar, Associate Professor as Co-PI.
DEPARTMENT OF ANIMAL GENETICS AND BREEDING

The department started functioning from the year 1998 and is well equipped to cater to the needs of undergraduate programme as per VCI standards including microscope image projection system and computers. The department is offering biostatistics, animal breeding and molecular genetics courses from 2010 onwards to the post graduate students registered in other departments.

Faculty in position:
1. Dr. R. Vinoo, Professor & Head
2. Dr. K. Sudhakar, Assistant Professor
3. Dr. M. Muralidhar, Assistant Professor
4. Dr. G. Sushma, Assistant Professor
5. Dr. I. Sateesh Kumar, Assistant Professor

Teachers who worked in the department previously:
1. Dr. C. Eswar Reddy (02/1999 to 05/2001)
2. Dr. P. Jayalakshmi (01/1999 to 03/2005 and 10/2007 to 10/2012)
3. Dr. D. Sreenivas (08/2001 to 12/2005)
4. Dr. D. Anil Pavan Kumar (09/2007 to 01/2008)

The computer centre of the college is monitored and managed by one of the faculty of this department. Computer center houses 21 systems, all connected through LAN. The internet facility is provided to all the departments through LAN with the ICAR budget and monitored at computer center.

Ministry of Human Resources Development, New Delhi funded project on e-content generation for e-learning in Animal Genetics and Breeding Undergraduate courses was completed in the year 2013 by Dr. P. Jayalakshmi.

Dr. M. Muralidhar is a co-principal investigator in a multi institutional DBT research project entitled "Restriction Enzyme Mediated Integration (REMI) as a strategy for stable transformants of Theliera annulata".

The biggest snake is the Reticulated Python. It can grow up to 10.05 meters or 33 feet long!
DEPARTMENT OF
LIVESTOCK PRODUCTION AND MANAGEMENT

The department started functioning since the inception of the college in the year 1998. The poultry component was separated from LPM department in September 2005 and a separate Department of Poultry Science was created. The piggery, sheep, goat, buffalo, cattle and poultry farms and fodder plots are maintained to provide practical training facilities to the students and for demonstration purpose to the farmers and they were transferred to Department of Instructional Livestock Farm Complex which was established as a separate department in September 2012.

The department has a sanctioned strength of one professor, two associate professors and four assistant professors.

Faculty in position:
Dr. Ch. Venkata Seshaiyah, Associate Professor & Head
Dr. P. Ashalatha, Assistant Professor
Dr. A. Anitha, Assistant Professor
Dr. M.V. Dharma Rao, Assistant Professor

The Successive Heads of the Department till date:
Dr. V.L.K. Prasad, Professor (January, 1999 to 31.8.2001)
Dr. G.V. Krishna Reddy, Professor (1.09.2001 to 25.02.2005)
Dr. N.V. Ramalai, Professor (26.02.2005 to 25.09.2007)
Dr. S. Jagadeswara Rao, Professor (26.09.2007 to 19.11.2012)
Dr. P. Ashalatha, Assistant Professor (20.11.2012 to 29.07.2013)

The department has one feed analysis laboratory and developed exhibits, charts and CDs for teaching purpose. Conducted Model Training Course on Advances in Livestock and Poultry Management for 16 field Veterinarians from 15.12.08 to 22.12.08 with the financial support of Directorate of Extension, ICAR, New Delhi. The department is having an Entrepreneurial Programme on piggery project organized with revolving fund for III year students. About 16 students participated in the project during the academic year 2012-13. M.V.Sc., programme was started in the year 2010, and so

Snakes have infrared imaging and they can sense prey using infrared.
far 3 students had successfully completed and 6 students are presently pursuing their post graduation in the department.

RESEARCH:
1. DBT Research Project “Environmental friendly disposal of Poultry droppings through anaerobic fermentation for biogas production and manure” was completed by Dr. A. Rajasekhara Reddy.

2. NATP project on “Evaluation of locally available feeds and fodders, improvement in their quality and formulation of economic and complete rations for ruminants in irrigated cotton based production system” was implemented by Dr. G.V. K. Reddy and Dr. R.M.V. Prasad.

3. State plan research project on “Pig production and pork processing under scientific system through farmer’s participation and study of growth and performance of large white Yorkshire pigs in farmers pig farms” was implemented by Dr. P. Ashalatha and Dr. K. Prabhakar.

4. DBT research work on “Improved sustainable rural livelihoods for less privileged groups using biotechnologies” was implemented by Dr. P. Ashalatha and Dr. E. Raghava Rao.

5. State plan research project entitled “A study on the effectiveness of farm school through AIR through active participation of livestock farmers”, an action research project in the department of LPM in association with the Department of Veterinary Extension and implemented by Dr. B. Subhramanyeswari and Dr. S. Jagadeeswara Rao.

5. RKVY Project on “Supply of superior germ plasma of Large White yorkshire piglets to farmers was implemented by Dr. P. Ashalatha.

6. Ph.D. research work “Application of body condition score (BSC) system for Murrah and Graded Murrah Buffaloes for improved productivity under field conditions in Krishna District” is in progress and it is taken up by Dr. P. Ashalatha, Assistant Professor (In-Service Ph.D.).

Transfer of Technology:
Provided technical guidance to the farmers regarding dairying, sheep, goat and swine rearing and fodder production by various means like:

Released a book in vernacular language entitled “Adhuni Sankaethika Paddathulaloo Labhasati Pandula Pempakam” authored by Dr. P. Ashalatha for the benefit of farming community in the year 2012-13, AIR Programmes, T.V. Programmes, Print Media (Popular articles in local news papers & Magazines), Rytu Sadassu, Training Programmes and Preparation of project reports.

bras are the most aggressive snakes in the world. A drop of cobra's venom can kill 50 humans
DEPARTMENT OF POULTRY SCIENCE

The Department started functioning from 01.10.2005 onwards. It has the sanctioned strength of 1 Professor, 1 Associate Professor, 1 Assistant Professor and 1 Animal attendant posts.

Staff worked previously in the department:
- Dr. V.L.K. Prasad, Professor & Head
- Dr. A. Venkaramaiah, Professor
- Dr. A. Raja Shekara Reddy, Associate Professor
- Dr. Shakila, Assistant Professor
- Dr. P. Anada Reddy, Assistant Professor & Head
- Dr. D. Narendra Nath, Assistant Professor & Head

Faculty in position:
- Dr. K. Naga Raja Kumari, Assistant Professor & Head

The poultry unit (Farm) was separated from Poultry Department in September, 2012 and a separate Instructional Livestock Farm complex was created.

An Entrepreneurial Programme for students on Poultry is being organized with revolving fund for II year B.V.Sc., & A.H. students. About 42 students participated in the Project.

RKVY Project on “Promotion of backyard Poultry by using “Rajasri” variety as livelihood and nutritional security options among BPL families” was completed in the year 2011-12 with Dr. D. Narendranath as Co-PI, and 2304 Rajasri birds were distributed to 144 beneficiaries. For the year 2012-13 an amount of Rs. 3.00 Lakh were sanctioned under RKVY Project, in which 690 Rajasri birds were distributed to 69 farmers in first spell by Dr. K. Naga Raja Kumari as Co-PI.

The faculty of the department is regularly participating in the Rythu Sadussulu, Kisan Mela, Rythu Chitanya Yatraulu and also attends to management inquires from commercial poultry farms of the region. The faculty also participates in various radio.
and television programmes on management of various species of birds in various seasons for better productivity that are being regularly broadcasted / telecasted from Vijayawada / Hyderabad stations. The faculty participated in conferences organized at various universities and presented papers. The department has a good collection of teaching aids like CDS, posters and videos for imparting practical knowledge to the students. The department organizes regular visits to the commercial farms and hatcheries in and around Gannavaram for II year students for imparting the practical knowledge as a part of course curriculum.

DEPARTMENT OF
LIVESTOCK PRODUCTS TECHNOLOGY

The department of Livestock Products Technology is established by the University and started functioning in the year 1999. Since inception the Department of Livestock Products Technology is constraining on the building up of infrastructural facilities to cater to the teaching requirements of B.V.Sc & A.H. and M.V.Sc degree as per VCI curriculum.

Faculty in position:
1. Dr. E. Nagamallika, Assistant Professor and Head
2. Dr. K. Sudheer, Assistant Professor
3. Dr. R. Amhedkar, Assistant Professor
4. Dr. KVLN Swamy, Assistant Professor
5. Dr. Pinky Moninath, Teaching Assistant

Successive Heads of the department since its inception till date:
- Dr. K. Prabhar (October 1999 to March 2001)
- Dr. M. Ranganatham (March 2001 to November 2005)
- Dr. K. Prabhakar (November 2005 to April 2008)
- Dr. P. Jayalakshmi (April 2008 to June 2008)
- Dr. B. Eswara Rao (July 2008 to November 2012)
The department of Livestock Products Technology offers both UG and PG courses. PG programme was started during the year 2010-11 and one student has successfully completed his Master's Degree so far.

The faculty participated in various national and international seminars and conferences and presented posters. They published nearly 20 research articles in various journals. They are being recognized as editorial board members for international journals. The department completed one National Agricultural Technology Project with a financial outlay of 78 lakhs as lead center and built up the required infrastructural facilities for teaching and research. Department has standardized technologies for several value added and ready to cook meat products. The department has developed hurdle processed foods with the use of hurdle technology and functional foods with good shelf stability which are emerging areas in the field of livestock products technology.

Well developed semi automatic slaughter house for slaughter of pigs is available for hygienic slaughtering and sale of fresh pork is being carried out regularly. Facilities are available for hands-on-training of students in processing, packaging and product development. Interactive teaching aids are being used with multimedia tools for better understanding of the subject. Department is aiming towards designing of novel products with longer shelf life and value added products, in addition to standardization of processing technology for traditional meat and milk products.

The department is running a "Self- Supporting Livestock Products Project" with a revolving fund of Rs. 50,000/-, and has generated a surplus of around Rs. 21.00 Lakhs till now by marketing fresh pork, dressed chicken and dairy products. The department is running "Earn While You Learn students Livestock Products Project" with full emphasis on giving hands on training to students. During the inception year 2012-13, 16 students were enrolled in this project.

Renovation to the existing bacon factory building for the department has been sanctioned by the university during the year 2012.

The stripes on each tiger are unique, like human fingerprints.
DEPARTMENT OF
VETERINARY GYNAECOLOGY AND OBSTETRICS

Department of Veterinary Gynaecology & Obstetrics came into existence in the month of September 2001.

Faculty in position:
Dr. G. Venkata Naidu, Professor & Head
Dr. K. Anusha, Assistant Professor
Dr. G. Ravi Babu, Assistant Professor

The Department has mandate for teaching and research in various discipline of the subject viz gynaecology, obstetrics and andrology, apart from providing clinical service to the livestock owners in the Teaching Veterinary Clinical Complex of the College. The teaching programme of the department has been planned to impart effective practical training to the undergraduate a postgraduate students. Post graduation studies have been started from the year 2011.

The faculty members of the department actively participate in the clinical and infertility camps being organized in rural areas of coastal Andhra Pradesh for the benefit of livestock owner. These camps also help in providing practical training to students and interns. Trainings are also organized on different aspects of animal reproduction for field veterinarians. Radio and TV talks on the common reproductive problems and their managements are delivered by faculty members from time to time. Popular articles in Telugu are also published for create awareness among the livestock owners.

The department has a well established ultrasonography unit for providing diagnostic services for small and large animals. This facility is routinely used by the postgraduate students of the department as well as other departments for the research work. Educational visits are arranged for the students to LRS Lam Farm, Guntur and Buffalo Research Station, Venkatramanagudem to utilize the facilities available at these satellite farms.
Teaching Aids: DLP Projector, Over head projector, Slides, Charts, Facilities at Central Instrumentation Cell and Computer Center are used whenever necessary.

Major Achievements: Anoestrus was found to be the major cause of infertility in cows and buffaloes. The most common cause of anoestrus was smooth ovaries due to nutritional deficiency. Ovsynch protocol (GnRH-PGF2 alpha GnRH) successfully applied under field conditions for augment the conception in post-partum buffaloes. Estrus was also induced in lactational and anoestrus buffaloes using Crestar along with PGF2α. Incidence of uterine torsion was found to be 40% of the dystocia cases in buffaloes and the success rate of relieving uterine torsion was nearly 100% at this institute.

The department has well developed facilities and teaching material for providing training to the field Veterinarians.

DEPARTMENT OF VETERINARY SURGERY AND RADIOLOGY

The Department came into existence in the month of November, 2001 with Dr. K. Subrahmanya Naidu, Professor of Gynaecology as in-charge Head on 26.11.2001. Subsequently Dr. Makkena Sreenu, Assistant Professor (Surgery), TVCSC, took over as Head on 13.05.2003 to establish the department and continued till October 2012. Subsequent to his transfer, Dr. V. Devi Prasad, Assistant Professor and Dr. M. Raghunath, Associate Professor acted as Heads in succession. At first, the department was in the APEL building and was later shifted to the newly constructed Teaching Veterinary Clinical Complex building.

Faculty in position:
Dr. N.V.V. Hari Krishna, Assistant Professor & Head
Dr. P. Ravi Kumar, Assistant Professor
Dr. B. Sailaja, Assistant Professor
Dr. V.S.C. Bose, Professor (Rtd) (contract teaching faculty)

Tigers have been known to imitate the call of other animals to successfully attract prey.
Associated faculty:
1. Dr. M. Raghunath, Associate Professor (TVCC)
2. Dr. P. Vidya Sagar, Assistant Professor (TVCC)

Besides teaching, the department provides surgical aid to the farm and pet animals, both at college hospital and through ambulatory clinic programme. The department has been catering to the referral needs of all the coastal districts. On an average 400 - 500 operations are conducted every year. Sophisticated diagnostic equipment like 500 mA X-Ray machine, Diagnostic ultrasound, Laparoscope, Endoscope, Bronchoscope, Pulse, Oxymetry, X-Ray viewing lobby, Physiotherapy equipment like Surgical diathermy, Ultraviolet and Infrared therapy units, electric muscle nerve stimulators, therapeutic ultrasound etc. are available. During the current financial year 2013-14, the department was sanctioned equipment like, large animal anesthetistic machine, hydraulic operation table, C-arm Computerized radiography, Dentistry unit etc in order to meet the present day demands.

A methodology for performing the amputation of horn in graded Murrah buffaloes having massive horns with curvature and wide base; and a technique of performing diaphragmatic herniorrhaphy without positive pressure ventilator were evolved by Dr. Makken Sreenu, for which he was awarded Sri M.K.V. Gupa Annual Gold medal 2006.

The department was also instrumental in establishing ambulatory clinics at six different centers. M.V.Sc., programme was initiated from the academic year 2008-2009 and so far 6 students were awarded degrees.

A State Plan Research Project entitled “Evaluation of fishnet thread as non-absorbable suture material for bovine laparotomies” was carried out with Dr. Makkena Sreenu as PI and Dr. N.V.V. Hari Krishna, as Co-PI with a budget of Rs. 4.42 lakhs in the year 2008-09. A DBT research project entitled “Development and evaluation of acellular biomaterial of marine origin for tissue repair in bovine” with an outlay of 30 lakhs was carried out (10.08.2009 to 10.08.2012) by Dr. Makkena Sreenu as PI and Dr. P Anand Kumar and Dr. N. Kanthi Bhushan Raju as Co PIs.

A DBT RGYI project entitled “Development and assessment of bio-absorbable implants for fracture healing” under the Principal investigator ship of Dr. V. Devi Prasad, that started on 16.03.2011 is under progress.
Dr. V. Dovi Prasad and Dr. N.V.V. Harikrishna were awarded Gold medals for the oral presentation of papers in Avian and Small animal sessions respectively during the Annual Symposium of Indian Society for Veterinary Surgery held at Anand, Gujarat from 1st to 3rd November 2012. The postgraduate students of this Department won a prize in clinical case presentation competitions organized by Intas and TANUVAS during the year 2012.

In small animals, orthopaedic surgeries like, stack pinning, cross pinning, cross pinning, bone grafting etc are now routinely being performed. The technique of immobilization of compound fractures in large animals has been standardized using a natively designed U splint by Dr. M. Raghunath. Dr. V.S.C. Bose evolved a rapid technique of suture less cystotomy for uro lithiasis, and a conservative strategy to treat cases of intussception in large ruminants. Dr. P. Vidyasagar has been conducting clinical research on large animal urolithiasis and laparohysterectomy in buffaloes.

**DEPARTMENT OF VETERINARY MEDICINE**

The department commenced functioning from the month of September 1999.

**Faculty in position:**

- Dr. V. Vaikunta Rao, *Professor & Head*
- Dr. N. Lakshmi Rani, *Associate Professor*
- Dr. K. Rajesh, *Assistant Professor*
- Dr. K. Usha Sri, *Assistant Professor*
- Dr. K. Seshu Sai Krishna, *Assistant Professor*
- Dr. K. Basava Reddy, *Assistant Professor*

**Succession of Heads of the Department since inception:**

1. Dr. P.S. Karunanidhi (Oct. 99 to 28.11.01)
2. Dr. K. S. Naidu (28.11.01 to 26.02.05)
3. Dr. M. Sreenu (26.02.05 to 14.04.05)
4. Dr. G. V. Naidu (14.04.05 to 15.03.06)
5. Dr. N. Syamasundar (16.03.06 to 06.06.11)
6. Dr. K. Suresh (06.06.11 to 26.10.12)

*Tigers live for about 25 years both in captivity and in the wild.*
Apart from the staff mentioned above, Dr. P. Nagaraj, Assistant Professor also worked in the department previously.

Besides teaching, the staff attends clinics daily at the TVCC and ambulatory clinics and also participates in the NSS animal health camps every year. The department has one UG laboratory and one PG laboratory. The department has ECG and Digital Ultrasound colour Doppler. M.V.Sc. Programme was started in the year 2009-10 and since then 3 Postgraduate students have completed their Master’s degree.

Awards received by the staff and students:

1. Dr. K.S. Sai Krishna, Dr. K. Suresh, Dr. N. Lakhsmi Rani and Dr. N. Syaamasundar – Third rank for clinical presentation (TANUVAS and Intas Animal Health)
2. Dr. K. Rajesh, Dr. Rooser Binny, Dr. K. Suresh and Dr. N. Lakshmi Rani – Third rank for clinical presentation (TANUVAS and VMRCVM International Symposium)
3. Dr. V. Vaikunta Rao - P.K. Das Gold Medal for small animal medicine (ISVM)

DEPARTMENT OF VETERINARY & ANIMAL HUSBANDRY
EXTENSION EDUCATION

The Department of Veterinary & A.H. Extension has been functioning since the inception of the college i.e. 18-03-1998. The founder head of the department was Dr. G. Yugandhara Rao, Assistant Professor and later the department has been gradually developed under the headship of Professor & University Head Dr. K. Veraraghava Reddy and Assistant Professors Dr. G.R.K. Sharma and Dr. Ch. Satyanarayana and Dr. B. Subrahmanyewari.

Faculty in position:
1. Dr. B. Subrahmanyewari, Professor & Head
2. Dr. Suneetha Prasad, Assistant Professor

There are only about 3,500 tigers left in the wild. There are a greater number in captivity.
Dr. B. Subrahmanyeswari has attended International conference on “2nd ISOFAR Scientific Research Track - Cultivating the Future Based on Science and 16th Organic World Congress, IFOAM, Germany” in June 2006 held at Modena, Italy and presented two doctoral research papers related to organic livestock farming. Department has completed state plan research (2009) “A study on the effectiveness of Farm School through AIR through active participation of Livestock farmers - An Action Research Project” through which 33 recommended animal husbandry practices were broadcasted by AIR, Vijayawada. Dr. Subrahmanyeswari has organized one day work shop for field Veterinarians on “Organic Animal Husbandry” in November 2011. Book on “Organic Livestock Farming”, Dr. B. Subrahmanyeswari as 2nd author was published by Directorate of Knowledge Management in Agriculture, Indian Council of Agricultural Research, New Delhi in Feb. 2013

The department has one Audio - Visual lab, Group discussion hall and seminal hall, all enriched with sophisticated equipment. The department is maintaining an Information Center developed for the benefit of the farmers with a variety of information aids, technical bulletins, pamphlets, leaflets and other visual developed in various disciplines -of the college. It is also equipped with Information Kiosk, an interactive system for farmers and students.

Department is actively involved in academic activities, offering UG courses along with on-farm field training to students and guiding M.V.Sc., students and extension activities, such as coordinating college activities like activities at adopted village, special NSS camps, Zoonoses day, World Veterinary Day etc., organization of Rytu-Avagahana Sadasu and Rytu Chitanya Yatras, arranging broadcasting of recommended seasonal animal husbandry practices with the college expertise through AIR, Vijayawada and printing of extension information material in vernacular language for end users.

Cows can drink up to 35 gallons of water a day.
DEPARTMENT OF
TEACHING VETERINARY CLINICAL COMPLEX

The Veterinary Hospital at Gannavaram was established in the year 1957 in 3.85 acres of land donated by Late Sri. Velivella Veetaramaiah to the Animal Husbandry Department. The above land was handed over to the NTR College of Veterinary Science in the year 1999 in which the present Teaching Veterinary Clinical Complex building was constructed and inaugurated in the year 2008. Departments of Teaching Veterinary Clinical Complex, Surgery and Radiology, Veterinary Clinical Medicine and Veterinary Gynaecology and Obstetrics are housed in this spacious complex. The Department of TVCC came into existence in November, 2001.

Faculty in position:
1. Dr. M. Raghunath, Associate Professor & Head (Surgery & Radiology)
2. Dr. P. Vidyaa Sagar, Assistant Professor (Surgery & Radiology)
3. Dr. Ch. Chaitanya, Assistant Professor (Veterinary Medicine)
4. Dr. P. Ramesh, Assistant Professor (Veterinary Medicine)
5. Dr. Sudha Rani Chowdary, Assistant Professor (Veterinary Pathology)
6. Dr. K. Ramesh Babu, Assistant Professor (ARGO)

Successive Heads of the Department:
1. Dr. P.S. Karunanidhi, Associate Professor (Nov, 2001 to Nov, 2002)
2. Dr. Subrahmanya Naidu, Professor (Nov, 2002 to May, 2003)
3. Dr. Makkena Sreenu, Assistant Professor (May, 2003 to Oct, 2007)
4. Dr. N. Syama Sundar, Professor (Oct, 2007 to Dec, 2009)
5. Dr. G. Venkatanaidu, Associate Professor (Dec, 2009 to Aug, 2011)
7. Dr. N. Lakshmi Rani, Assistant Professor (July, 2012 to Oct, 2012)
8. Dr. K. Suresh, Assistant Professor (i/c) (Oct, 2012 to Jan, 2013)

The TVCC hospital is an abundant source of clinical material in general and surgical cases in particular. It has been catering to the referral needs of all the coastal districts and also is rendering ambulatory services to the nearby villages. On an average about 3500 medical cases, 1300 surgical and 1875 gynaecological cases are being treated in this hospital per year.

Cows have an acute sense of smell and can smell something up to 6 miles away.
In addition to the routine diagnostic facilities, TVCC has proposed establishment of full pledged intensive care unit for pet animals to cater the trauma and critically ill patients. Proposal for partitioning of canine ward and development of infusion ward has been made to provide facilities for the fluid therapy and examination of clinical cases separately. The other facilities available in the department include blood gas analyser, semi auto analyser, ferroscope, sterilization equipment etc.

Special NSS camps, Zoonosis day, World Veterinary Day, Rhytu-Avagahana Sadassu and Rhyty-Chaitanya Yatras were also being regularly organized by this department.

INSTRUCTIONAL LIVESTOCK FARM COMPLEX

Instructional Livestock Farm Complex is established for providing the services in rearing of livestock species including poultry, fodder production and animals of regional interest. This complex was carved out from the Departments of Livestock Production Management and Poultry Science on 17.09.2013. Apart from maintaining various farms, the department is carrying out fodder cultivation in 15 acres of land and is maintaining 22 acres land for grazing purpose. The department has milking machines and incubators among several other equipment.

ILFC has a sanctioned strength of one Professor, One Farm Manager (Associate Professor) five Assistant Professors (Breeding (1), Nutrition (1), LPM (2) and Agronomy(1)).

Faculty in position:
- Dr. Ch. Venkata Seshaliah, Associate Professor & i/c Head
- Dr. T. Susmita, Assistant Professor
- Dr. K. Sireesha, Assistant Professor
- Dr. R. K. Soujanyalakshmi, Assistant Professor
- Dr. K. Ravichandra, Assistant Professor
- Dr. Sapna Nath, Teaching Assistant

The oldest cow till date was Big Bertha, a Dremon, which died just 3 months shy of her 49th birthday.
Staff worked previously in ILFC
Dr. R.M.V. Prasad, Assistant Professor (SG) & Head
Dr. K. Naga Raja Kumari, Assistant Professor & Head

Farm produce worth Rs. 50,000 to 60,000 in the form of milk, eggs and birds are sold every month. Different fodder varieties like CO3, CO4, COFS 29, Maize, Jowar, Guinea grass, Para Grass, Pillipesara, Cowpea, Hedge Lucerne and African Tall are being cultivated for the purpose of feeding of animals. In addition to fodder cultivation two fodder demonstration plots with various rare varieties are being maintained for demonstration purpose. Azolla is being cultivated in two pits of 300 Sq ft each, for feeding the livestock and also for demonstration and the culture is distributed to the needy farmers in and around Gannavaram. An amount of Rs. 25,000 to 50,000 is earned through auction for fishing rights in the wallowing pond located in this complex.

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

With a view to cater to the library and information needs of Faculty, Students as well as Research and Extension Personnel, the College Library was established in the year 1998. The Library function under the overall supervision of the Associate Dean and managed by the Assistant Professor (Library & Infor. Sc). The Library is

The highest milk yield for a single day is 241 lbs, by a cow named Urbe Blancs.
located in the ground floor of the main building of the College with a carpet area of 6000 Sft. and seating capacity for about 60 readers. The Library is kept open from 9.00 a.m. to 6.00 p.m. on all working days.

The library has a collection of 9000 books and is currently subscribing 13 foreign and 31 Indian Journals. The library is providing on-line access to ‘Veterinary Science Database’ of CABI and ‘CeRA’ of ICAR. CD-ROM databases like CAB Abstracts, VETCD, BEASTCD, Food & Human Nutrition, and Animal Production Database of previous years are also available.

Internet, scanning & printing, facsimile reproduction (Xerox) of reading material either from books or journals etc. are provided to users of the library at nominal charges.

The total membership of the library is 383 members including students and staff. On an average every year library is issuing 6,000 books to staff and students and approximately 50,000 Xerox copies are exposed. The library is generating every year fifty to sixty thousand rupees by way of Xerox charges, late fee, internet charges and computer print outs.

The Library is fully computerized and Bibliographic database (Catalogue) of books, Back Volumes, Current periodicals has been developed and OPAC (On-line Public Access Catalogue) is available through LAN. Bar-coding of books and other material has been completed and circulation i.e., issue and return of books also computerized. The library is issuing bar-coded PVC Identity-cum-Library cards to students and staff. CCTV (Closed circuit TV) system with 8 cameras and digital video recording is installed in College Library for electronic surveillance. ‘Book Bank Scheme’ has been established with multiple copies of basic textbooks, which are issued to students for complete semester.

The library is bringing out VET CON (Current Veterinary Contents), a quarterly current awareness bulletin which contains the copies of the contents pages of the journals being received at College Library, NTR college of Veterinary Science, Gannavaram during the corresponding period of the issue.
Staff in position:
Dr. K.S. R. Vithal, Associate Professor
supported by Mr. P.V. Ramesh, Jr. Library Assistant and others.

In-charges of Assistant Professor (Lib. & Info. Sc.) since inception:
Dr. P.V.S. Kishore (May 1998 to 24.10.2003)
Dr. D. Srinivasa Kumar (25.10.2003 to 17.10.2005)
Dr. P. Ravi Kumar (18.10.2005 to 23.11.2008)
Teaching Faculty of NTRCVSc

Department of Veterinary Anatomy

- Dr. A. Jagadeeshwari
- Dr. G. Aruna
- Dr. A. C. Chandrasekar

Department of Veterinary Physiology

- Dr. J. Murthy
- Dr. L. G. S. Chandra
- Dr. S. John
- Dr. S. K. Chinnappa

Department of Veterinary Biochemistry

- Dr. T. Venkatesh
- Dr. P. Rajini
- Dr. M. Chithra
- Dr. S. Srinivas

Department of Veterinary Pharmacology & Toxicology

- Dr. N. Srinivas
- Dr. P. Reddy
- Dr. C. Bhuvan
- Dr. G. Srikanta
Department of Veterinary Gynaecology and Obstetrics

Dr. C. Venkata Reddy
Dr. K. Anuradha
Dr. C. Raviteja

Department of Veterinary Surgery and Radiology

Dr. M.V.S. Reddy
Dr. P. Ravi Kumar
Dr. B. Selvam
Dr. V.S.G. Bose

Department of Veterinary Medicine

Dr. V. Pulouta Rao
Dr. R. Lakshmi Naras
Dr. K. Rajesh
Dr. K. Girdhar

Department of Veterinary & Animal Husbandry Extension Education

Dr. K. Sedha Sai Reddy
Dr. K. Rama Reddy
Dr. S. Sridevamayani
Dr. V. Sumathi Prasad
MOMENTS OF JOY

Friendly cricket match between teachers and students

Winners of charity football match

Tree plantation by ADROITIERS 09
Teachers at the student stalls on the college day

Cultural programmes

No dearth of talent
Teachers actively participating in various events -
Revisiting the by gone student life.
EDUCATIONAL TOURS

AT BRINDAVAN GARDENS

AT MADRAS VETERINARY COLLEGE

AT CENTRAL SHEEP & WOOL RESEARCH STATION
మాక్రెల్

మాక్రెల్ భారతదేశంలో స్థావర ఉపయోగించిన సాలానికి సాధారణ మిగిలిన కారణం

///

వంచినే అవసానికి

నేను పినాకి నిలబూడు కాపాడం

స్వాప్తం మాత్రం

సన్నితం నంది

సాధారణ నంది

మాక్రెల్ ప్రపంచంలో సాధారణం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం

మాక్రెల్ ఉపయోగానికి సంబంధించిన ప్రత్యేకితం...
Many Fish can taste without even opening their mouths.
మాత్రమే కూడా కొలువు కొనితే మనుష్య
మన్ని సంభవించాడు నారాగాను మాత్రమే
దుస్తులు కావాడు నారాగాను చేసుకోవడాన్ని
నారాయ బాగా కొనితే చేసేది అను యుగాన్ని
మన్ని సంభవించాడు నారాగాను చేసేది అను
దుస్తులు కావాడు నారాగాను చేసేది అను
మన్ని సంభవించాడు నారాగాను చేసేది అను

నారా

నారాగాను.. అంతం లేదు..

వారి మీరు మృదుత్వం అందాడా అందాడం

మన్ని సంభవించాడు నారాగాను చేసేది

మన్ని సంభవించాడు నారాగాను చేసేది

మన్ని సంభవించాడు నారాగాను చేసేది

మన్ని సంభవించాడు నారాగాను చేసేది
మాడు
మాడున్న వంటి రాతన్ని చెప్పాలమే ప్రతిమ
ప్రతిమను కప్పాలమే
ప్రతిమను అగను చెప్పాలమే
ప్రతిమను మనము
ప్రతిమను అలాంటి చెప్పాలమే
ప్రతిమను అలాంటి చెప్పాలమే
ప్రతిమను అలాంటి చెప్పాలమే
ప్రతిమను అలాంటి చెప్పాలమే
సుషుపు మనము

చేను రాయం
చేను రాయం అలాంటి చేను రాయం
చేను రాయం మనము, ప్రతిమను చేను రాయం మనము
చేను రాయం మనము అనేక రాయం మనము
చేను రాయం మనము అనేక రాయం మనము
చేను రాయం మనము అనేక రాయం మనము
చేను రాయం మనము అనేక రాయం మనము
చేను రాయం మనము అనేక రాయం మనము
చేను రాయం మనము అనేక రాయం మనము
నుడు ప్రతిమ వంటి పరిస్థితిలో ఏం చేసాలమే
నుడు ప్రతిమ వంటి పరిస్థితిలో ఏం చేసాలమే
నుడు ప్రతిమ వంటి పరిస్థితిలో ఏం చేసాలమే
నుడు ప్రతిమ వంటి పరిస్థితిలో ఏం చేసాలమే

వోర్మ్స్ కంటే స్నాంకులు దాదాతి చేయవచ్చును.
నం. రెండు నుండి

ఇది మనము ఉపయోగించేది, దాదాలు తనముగా చేస్తుంది

ఇది ఎందుకు ఉపయోగించడానికి కావు అవుతుంది

ఇది మీకు చూస్తుంది, దాదాలు తనముగా చేస్తుంది

ఇది మనము ఉపయోగించేది, దాదాలు తనముగా చేస్తుంది

ఇది మనము ఉపయోగించేది, దాదాలు తనముగా చేస్తుంది

ఇది మనము ఉపయోగించేది, దాదాలు తనముగా చేస్తుంది

మధ్యంలో

మిన్ను తినా కొట్ఠ ఏకర ఉండాడా

మిన్ను తినా కొట్ఠ ఏకర ఉండాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా

మిన్ను తినా కొట్ఠాడా
ప్రపంచ రాత్రితో ప్రపంచ చెదిలి రాత్రి
చాలా రాత్రిలో ప్రపంచ చెద రాత్రి
రాత్రిలో రాత్రిలో ప్రపంచ చెదిలి రాత్రి
రాత్రిలో రాత్రిలో ప్రపంచ చెద రాత్రి
(చాలా రాత్రిలో)

చాలా రాత్రిలో ప్రపంచ చెదిలి రాత్రి
చాలా రాత్రిలో ప్రపంచ చెద రాత్రి
చాలా రాత్రిలో ప్రపంచ చెదిలి రాత్రి
(చాలా రాత్రిలో)

A goldfish has a memory span of only 3 seconds.
మే ని వీరు చడి చడి!

తత్త్వం ని వుతాని..!!
నికియే ఉడుత్త, వాలే యా బంగారం
డడినిచే యా పట్టించి, కండినిచే యా పండించి
పాడంటే యా చెందినిచే యా పండించి పనిచేతుంది.
పాడం యా చెందినిచే యా పండించి పనిచేతుంది.
బంగారం యా చెందినిచే యా పండించి పనిచేతుంది.
పాడం యా చెందినిచే యా పండించి పనిచేతుంది.
మే ని వీరు చడి చడి!

మే ని వీరు చడి చడి!

Elephants are the only animals that can’t jump.
నిపుణిత

నేను తెలుగు సంపాదక సమాధానాన్ని నిర్ధారించాను. నేను నిపుణితంగా యొక్క కౌతుక సంపాదక సమాధానం స్థాయిపు నిర్ధారించాను.

మ. సున్ను
GVM / 12-30

అన్ని సమయం

సాంప్రదాయానికంగా సంపాదించాను.
సమయం యొక్క ప్రతి సంపాదించాను.
ఖాతాపంచకం సమయం
భాగం యొక్క ప్రతి.
మను సంపాదించాను...!!

సం. అంతి
GVM/12-28

Gentoo penguins propose to their mates by using a carefully selected pebble.
సత్యాలంయమైన నిత్యమునాసప్పులు, అవసరమైన ఉపరితలముల ఉపయోగమైన దిగుమతులందరూ దోహదానికి సహానిష్టం. మనిషి ఎంతగా ఏకాంత ప్రతిసామం కావాలని నిత్యమునాసప్పులు, అవసరమైన ఉపరితలముల ఉపయోగమైన దిగుమతులందరూ దోహదానికి సహానిష్టం. మనిషి ఎంతగా ఏకాంత ప్రతిసామం కావాలని నిత్యమునాసప్పులు, అవసరమైన ఉపరితలముల ఉపయోగమైన దిగుమతులందరూ దోహదానికి సహానిష్టం. మనిషి ఎంతగా ఏకాంత ప్రతిసామం కావాలని నిత్యమునాసప్పులు, అవసరమైన ఉపరితలముల ఉపయోగమైన దిగుమతులందరూ దోహదానికి సహానిష్టం. మనిషి ఎంతగా ఏకాంత ప్రతిసామం కావాలని నిత్యమునాసప్పులు, అవసరమైన ఉపరితలముల ఉపయోగమైన దిగుమతులందరూ దోహదానికి సహానిష్టం. మనిషి ఎంతగా ఏకాంత ప్రతిసామం కావాలని నిత్యమునాసప్పులు, అవసరమైన ఉపరితలముల ఉపయోగమైన దిగుమతులందరూ దోహదానికి సహానిష్టం.

ప్రపంచంలో చాలా సాధుభేషి నియమాల ప్రకటనలు చెబుతాయి. అప్పుడు సాధు ప్రతి ప్రపంచం మరలు ఒక ప్రాంతం. అప్పుడు ప్రతి ప్రపంచం మరలు ఒక ప్రాంతం. అప్పుడు ప్రతి ప్రపంచం మరలు ఒక ప్రాంతం. అప్పుడు ప్రతి ప్రపంచం మరలు ఒక ప్రాంతం.

నా ప్రతి ప్రపంచంలో మనిషి ఉపయోగమైన దిగుమతులందరూ దోహదానికి సహానిష్టం. మనిషి ఎంతగా ఏకాంత ప్రతిసామం కావాలని నిత్యమునాసప్పులు, అవసరమైన ఉపరితలముల ఉపయోగమైన దిగుమతులందరూ దోహదానికి సహానిష్టం. మనిషి ఎంతగా ఏకాంత ప్రతిసామం కావాలని నిత్యమునాసప్పులు, అవసరమైన ఉపరితలముల ఉపయోగమైన దిగుమతులందరూ దోహదానికి సహానిష్టం. మనిషి ఎంతగా ఏకాంత ప్రతిసామం కావాలని నిత్యమునాసప్పులు, అవసరమైన ఉపరితలముల ఉపయోగమైన దిగుమతులందరూ దోహదానికి సహానిష్టం. మనిషి ఎంతగా ఏకాంత ప్రతిసామం కావాలని నిత్యమునాసప్పులు, అవసరమైన ఉపరితలముల ఉపయోగమైన దిగుమతులందరూ దోహదానికి సహానిష్టం. మనిషి ఎంతగా ఏకాంత ప్రతిసామం కావాలని నిత్యమునాసప్పులు, అవసరమైన ఉపరితలముల ఉపయోగమైన దిగుమతులందరూ దోహదానికి సహానిష్టం.

Dedicated to 2K 13 Batch

GVM / 12-001

Cows produce more milk when listening to soothing music.
With Best Compliments:

ANNAPOURNA
Scientific & Laboratory Equipments

Your Comprehensive resource for Laboratory Equipments
Shop No. 131/A, Sri Krupa Market, Malakpet, Hyderabad - 500 036
Ph: 040-24556243 / 24556295, Fax: 040 - 66366862
Email: info@annapurnaindia.com, Web: www.annapurnaindia.com
Mobile No.s: P. Srinivas - 9010999917 / Ch. Murthy - 9246344224 &
P. Shiva Kumar - 9010999909

With Best Compliments:

HY-GLASS AND CHEMICALS
Your channel partner to global lab requirements
Shop No. 384, Sri Krupa Market, Malakpet, Hyderabad - 500 036
Ph: 040-24556243 / 24556283 / 24556295 / 24556297. Fax: 040-66366862
Office No.s: 9010999904
Email: info@hyglassindia.com, Web: www.hyglassindia.com

With Best Compliments:

PEARALA AGENCIES
Once stop shop for laboratory products
Shop No. 385, Sri Krupa Market, Malakpet, Hyderabad - 500 036
Ph: 040-24556243 / 24556283 / 24556295 / 24556297. Fax: 040-66366862
Email: info@pearala.com, Web: www.pearala.com
Office No.s: 9010999983
RAPID PROTECTION FORCE PVT. SECURITIES & MAN POWER CONSULTANCY
Private Detectives Industrial Security Consultants
(REGD. UNDER CONTRACT LABOUR ACT)
REGD. NO. 4332 / VII
Yalamanchili Commercial Complex, Ring Road
VIJAYAWADA - 520008
Phone : 0866-2454178, 2451364

R.K. FORCE SECURITY & SERVICES
Regd. No. 4042/VII
Fax : 0866-2841878
95812 99666

SRK MAN POWER SOLUTIONS
Regd. No. 282 / 07
2008 - 2013 Govt. Approved Regd. Outsourcing Agency
Cell : 9866007410
9441880541

Cell : 98480 78203
83309 58203
94945 32606

INDUSTRIAL DETECTIVE SECURITY FORCE & HOUSE KEEPING AGENCY
G-4, Anurag Apartment
3rd Road, Loyola Gardens
VIJAYAWADA - 520008. A.P.
With Best Compliments:

NATIONAL SCIENTIFIC PRODUCTS

HEAD OFFICE:
4th Line, Sambasiva pet, GUNTUR - 522 001.
Ph : 2322243 Fax : (0866) 2227736

Branch Office:
D.No. : 28 - 17 - 25, Opp. Ramamandiram Street
Arundelpet, VIJAYAWADA - 2.
Ph : 2435945 Fax : (0866) 2439208

Branch Office:
D.No. : 27-9-56, Pulavarthivari Street
KAKINADA - 533 001.
Ph : 2383546 Fax : (0884) 2366390

Branch Office:
D.No. : 4-1-7/C/1 A&B, 1st Floor, Street No.6, Boggulakunta
Opp. Wesley Church, Tikal Road, HYDERABAD - 1
Ph : 6581927, 24760169, 24757964 Fax : (040) 24747949

AUTHORISED STOCKISTS:
Berolil glassware, Qualigens Fine Chemicals, Fisher Chemicals
S.D. Fine Chemicals, Ranbaxy Chemicals, E.Merck Chemicals
Tempo Scientific Equipments.
Being Admitted to the profession of veterinary medicine, I solemnly swear to use my scientific knowledge and skills for the benefit of the society through protection of animal health, the relief of animal suffering, the conservation of livestock resources, the promotion of public health and the advancement of medical knowledge.

I will practice my profession conscientiously, with dignity and in keeping with the principles of veterinary medical ethics.

I accept as a life long obligation the continual improvement of my professional knowledge and competence.

Art by
Dr. Durga Prasad