

## BRIEF PARTICULARS

1. Name : Prof. (Dr) G.S. Gottam  
 2. Father's Name : Sh. N.L. Sharma  
 3. Date of Birth : 18.06.1976  
 4. Personal : Professor & HEAD at PGIVER Jaipur  
 Technical Advisor to Hon'ble Cabinet  
 Minister AHD & Nodal officer of RAJUVAS  
 Bkn & Jobner 9414426489  
 gautamgovind1976@gmail.com
5. Educational Qualification:

| Examination | Year of Passing | Board/ University | % of Marks | Division/ Distinction |
|-------------|-----------------|-------------------|------------|-----------------------|
| Graduation  | 2001            | RAU, Bikaner      | 67.5       | I                     |
| P.G.        | 2004            | RAU, Bikaner      | 77.1       | I                     |
| Ph.D.       | 2020            | RAJUVAS, Bkn      | 71.6       | I                     |

### 6. Employment Record

| Name of Employer   | Post Held   | Experience in Years | Nature of work                                 |
|--------------------|---|---------------------|--|
| ACVM Jaipur        | Asstt. Professor  | 03 years            | Teaching, Research & Extension                 |
| MPUAT, Udaipur     | Asstt. Professor  | 03 years            | Teaching, Research, Extension & Administration |
| RAJUVAS, Bikaner   | Asstt. Professor  | 08 years            | Teaching, Research, Extension & Administration |
| RAJUVAS, Bikaner   | Associate Professor & Head  | 03 years            | Teaching, Research, Extension & Administration |
| RAJUVAS, Bikaner   | Professor & Head  | 04 years till date  | Teaching, Research, Extension & Administration |
|                    |   | Total 21 years      |  |
| RAJUVAS, Bikaner   | Liaison officer   | 06 year             | Administration                                 |
| Govt. of Rajasthan | Technical Advisor to Hon'ble Cabinet Minister AHD & Nodal officer of RAJUVAS Bkn & Jobner | 06 month till date  | Administration                                 |

7. Guiding Doctoral Research No.- 01 M.V.Sc. No.- 07
8. Teaching experience & Subject taught:
- **Ph.D**
  - **M.V.Sc.**
  - **B. V.Sc.& A.H. & AHDP**

## 9. Research-

A. Studied "Surveillance study on blood and serum analytes of small ruminants in drought affected Western Rajasthan" which guide to State Govt. to release economic package for marginal farmers.

B. "PERUSAL OF VARYING ENVIRONMENTAL CONDITIONS VERSUS PHYSIOLOGICAL CADENCE IN PUGAL SHEEP FROM ARID TRACTS SUBSUMING ENVIRONMENTAL VARIABLES, HYGRIC ANALYTES, METABOLIC REGULATORS, ANTIOXIDANT SYSTEM, ENDOCRINE RESPONSES AND FUNCTIONS OF ORGANS AND TISSUES"

1. Extension activities-Preparation of leaflets, college magazine, faculty profile, news letter, College profile etc.
2. Co-curricular activities- Handled college admission, class time table, exam timetable, student's counselling & placement cell at college.

## 10. Popular articles: around 60 (In National Daily news papers)

- 1- lkh-,e-Vh- esa p;u u gksus ij - राजस्थान पत्रिका
- 2- lk'kq fpfdRld cfu, - राजस्थान पत्रिका
- 3- Ms;jh m|ksx & t:jh gS csgrj izca/ku - राजस्थान पत्रिका
- 4- Ek:LFky bykdks ds fy, mi;ksxh HksM ikyu - राजस्थान पत्रिका
- 5- Ckdjh ikyu & cgqmi;ksxh O;olk; - राजस्थान पत्रिका
- 6- dqÙkksa dk cf/k;kdj.k vfHk;ku - राजस्थान पत्रिका
- 7- mi;ksxh gS i'kqvksa ds 'ko Hkh - राजस्थान पत्रिका
- 8- vk; dk ,d tfj;k xkscj Hkh - राजस्थान पत्रिका
- 9- euq"; vkSj tkuoj nksuksa esa ?kkrd gS fgMfd;k vkSj ikxyiu - राजस्थान पत्रिका
- 10-rsth ls QSyrk gS eqagidk vkSj [kqjiddk - राजस्थान पत्रिका
- 11-'oku ikyu Hkh gS vkthfodk dk ,d tfj;k - राजस्थान पत्रिका
- 12-O;olkf;d ikB;Øe esa izos'k dSls ys - राजस्थान पत्रिका
- 13-nqX/k mRiknu c<k;s - राजस्थान पत्रिका
- 14-bafnj kxa/kh ugj ls yqlr gksrk i'kq/ku- राजस्थान पत्रिका
- 15-dqDdqV ikyu & Lojkstxkj - राजस्थान पत्रिका
- 16-cdjh ikyu & Lojkstxkj - राजस्थान पत्रिका
- 17-lqvj ikyu & Lojkstxkj - राजस्थान पत्रिका
- 18-e/kqeD[kh ikyu & Lojkstxkj - राजस्थान पत्रिका
- 19-[kjkxs'k ikyu & Lojkstxkj - राजस्थान पत्रिका

- 20-HksM ikyu & Lojkstxkj- राजस्थान पत्रिका
- 21-eNyh ikyu & Lojkstxkj - राजस्थान पत्रिका
- 22-v'o ikyu & Lojkstxkj - राजस्थान पत्रिका
- 23-Ms;jh ikyu & Lojkstxkj - राजस्थान पत्रिका
- 24-esjsDI jksx ls cpko - राजस्थान पत्रिका
- 25-jksxksa dh igpku - राजस्थान पत्रिका
- 26-f'k{kk esa dSfj;j - राजस्थान पत्रिका
- 27-js'ke dhV ikyu - राजस्थान पत्रिका
- 28-vkrksa ds dhMs - राजस्थान पत्रिका
- 29-d`f=e xHkkZ/kku esa t:jh ckrS- राजस्थान पत्रिका
- 30-Å;V ikyu - राजस्थान पत्रिका
- 31-Xky?kksVw - राजस्थान पत्रिका
- 32-tksguht jksx - राजस्थान पत्रिका
- 33-oeHZdEiksLV - राजस्थान पत्रिका
- 34-ck;ksxSl && [kkn Hkh eqDr - राजस्थान पत्रिका
- 35-vdky dk MVdj eqdkcyk djrs gS Å;V - राजस्थान पत्रिका
- 36-HksMksa esa CywVX; - राजस्थान पत्रिका
- 37-Ckzk;yj ikyu & Lojkstxkj - राजस्थान पत्रिका
- 38-osVj ikyu & Lojkstxkj - राजस्थान पत्रिका
- 39-{k; jksx - राजस्थान पत्रिका
- 40-izlo ds le; ek; i'kq dh ns[kHkky - राजस्थान पत्रिका

### Popular Articles in magazines

| S. No. | Title of the paper   | Name of authors  | Year of publication | Name of Journal |
|--------|--|--|---------------------|-----------------|
| 1.     | lw{e iks"kd rRo<br>,oa i'kq tuLokLF;:<br>,d vk/kkjHkwr<br>vko';drk | M,- iou dqekj feUky]<br>M,- xksfoan lgk;<br>xkSÙke] M,- cj[kk<br>xqlrk] M,- fot; 'kekZ<br>,oa M,- ns'kjkt<br>fcyksph | Dec. 2018           | i'kq lans'k     |
| 2.     | Veterinarian<br>Intercession in Disaster<br>Relief                 | Pavan Kumar Mittal,<br>G.S.Gottam, Vijay Sharma<br>and Barkha Gupta  | Jan. 2019           | Pashu Sandesh   |
| 3.     | uotkr i'kqvksa dk<br>laØked jksx ls<br>cpko                        | M,- iou dqekj feUky]<br>M,- xksfoan lgk;<br>xkSÙke] M,- cj[kk<br>xqlrk] M,- fot; 'kekZ                               | Jan. 2019           | gy/kj VkbEI     |

|     |   |   |            |                  |
|-----|---|---|------------|------------------|
|     |   | ,oa M,- ns'kijt<br>fcyksph  |            |                  |
| 4.  | i'kqvksa dk ijthoh<br>jksx ls cpko  | M,- iou dqekj feÜky]<br>M,- xksfoan lgk;<br>xkSÜke] M,- cj[kk<br>xqlrk] M,- dqynhi<br>lSuh ,oa M,- ns'kijt<br>fcyksph                             | Jan. 2019  | gy/kj VkbEI      |
| 5.  | i'kq jksxksa ds<br>funku gsrq ew= o<br>jä IEcU/kh vko';d<br>tSojklk;fud ijh{k.k     | M,- iou dqekj feÜky]<br>M,- xksfoan lgk;<br>xkSÜke ,oa M,- cj[kk<br>xqlrk   | Feb. 2019  | i'kqiky u, vk;ke |
| 6.  | i'kqvksa es jä<br>ijthoh jksx   | M,- iou dqekj feÜky]<br>M,- xksfoan lgk;<br>xkSÜke] M,- cj[kk<br>xqlrk] M,- ns'kijt<br>fcyksph] M,- v{k;<br>dqekj ,oa M,- çR;q"k<br>dqekj         | March 2019 | gy/kj VkbEI      |
| 7.  | i'kqvksa es xehZ<br>ds y{k.k o —f=e<br>xHkkZ/kku dk<br>egÜko                        | M,- iou dqekj feÜky]<br>M,- xksfoan lgk;<br>xkSÜke] M,- cj[kk<br>xqlrk ,oa M,- ns'kijt<br>fcyksph   | March 2019 | —"kd vkjk/kuk    |
| 8.  | i'kqvksa ds<br>LokLF;] çtuu {kerk<br>rFkk mRikndrk ij<br>tyok;q ifjorZu dk<br>çHkko | M,- iou dqekj feÜky]<br>M,- xksfoan lgk;<br>xkSÜke ,oa M,- cj[kk<br>xqlrk   | April 2019 | i'kqiky u, vk;ke |
| 9.  | Use of Herbal feed<br>additives: Leptadenia<br>reticulata (Jivanti)                 | Dr. Pavan Kumar Mittal,<br>Dr. G. S. Gottam, Dr. S. K.<br>Jindal and Dr. Barkha<br>Gupta.   | Feb. 2020  | Pashudhan        |
| 10. | ,d tkuysok chekjh<br>vQkj   | M,- iou dqekj feÜky]<br>M,- xksfoan lgk;<br>xkSÜke] M,- cj[kk<br>xqlrk ,oa M,- ns'kijt<br>fcyksph   | June 2020  | —"kd Hkkjrh      |
| 11. | nqX/k mRiknu<br>c<+kus dk lly vkSj<br>fdQk;rh rjhdk& [kfut<br>feJ.k                 | M,- iou dqekj feÜky]<br>M,- xksfoUn Çlg<br>èkkdM]a M,- xksfoan<br>lgk; xkSÜke] M,- cj[kk<br>xqlrk] M,- ns'kijt<br>fcyksph ,oa M,- fnus'k<br>ek#rh | June 2020  | gfjrØkafr] t;iqj |

|     |   |   |           |                  |
|-----|---|---|-----------|------------------|
| 12. | i'kqvksa ds fy,<br>ykHknk;d ?kjsyq<br>rduhdsa ,oa mipkj | M,- iou dqekj feUky]<br>M,- xksfoan lgk;<br>xkSÜke] M,- cj[kk xqIrk | June 2020 | i'kqiky u, vk;ke |
|-----|---|---|-----------|------------------|

### 11. Conferences/ Symposium attended:

| LEVEL                     | NAME OF CONFERENCE  |
|---------------------------|---|
| International conferences | 1. XX Annual Conference SAPI & International Symposium on “Advances in physiologic Research for sustainable development of Livestock and Poultry Production” from 2-4 Nov. 2011, at Kolkata.  |
| National conferences      | <p>2. National symposium on "Newer concept and Challenges in Veterinary Science &amp; Animal husbandry and XXI Annual Conference of Indian Association of Advancement of Veterinary Research-2005, 5th Veterinary Congress and first round table conference on Rumenology " held at College of Veterinary and Animal Science, RAU, Bikaner, 31st Dec. 2004 to 1st Jan. 2005.</p> <p>3. Orientation Training Programme for updating his/her knowledge in respect of Indian Veterinary Council Act, 1984 (52 of 1984) and regulations framed there under Viz. i. Standard of Professional Conduct, Etiquette and code of ethics for Veterinary Practitioners regulations, 1992. ii. Registration Regulation, 1993 Organized by Veterinary Council of India, New Delhi at Jaipur Palace, Jaipur on 27 July,2006</p> <p>4. XVII Annual conference of Society of Animal Physiologist of India &amp; National Symposium on Current Concepts in Productivity Management in Livestock and Poultry- Environment, Nutrition and Stress at G.B. Pant university of Agriculture &amp; technology Pantnagar, Uttarakhand from Feb.07-09 ,2008</p> <p>5. National seminar on “Stress Management in Small Ruminant Production and Product Processing” organized by ISSGPU from 29-31 Jan, 2010 at Jaipur</p> <p>6. XVIII Annual Conference of IAAVR &amp; National Symposium on “Veterinary Science &amp; Education on Move: Critical Gaps &amp; needs” from 11-12 Feb.2010 at ACVM Jaipur.</p> <p>7. National Seminar on “New Vistas in Food Processing with Quality Assurance for Augmenting Rural Prosperity” from 21-22 June-2013 at MPUAT Udaipur.</p> <p>8. XXII Annual Conference SAPI &amp; National Symposium on “Physiological &amp; Nutri-genomic Interventions to Augment food Security and Animal Welfare” from 19-21 Nov. 2013, at Mathura.</p> <p>9. II Annual Meeting of Society of veterinary Science and Biotechnology and national Seminar on “Biotechnological approaches to challenges in animal health and production” from 06-07 march. 2014, at Mathura.</p> <p>10. XXIII Annual Conference SAPI &amp; National Symposium on</p> |

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|  | <p>“Physiological determinants of climate resilient and sustainable animal production” from 27-28 Nov. 2014, at Hissar.</p> <p>11. III Annual Meeting of Society of Veterinary Science and Biotechnology and national Seminar on “Translational research in Biotechnology for improving animal health and production” from 07-08 Oct. 2015, at CVAS, Bikaner.</p> <p>12. National Seminar on “Women Empowerment and inclusive growth” from 13-14 march 2015 at IIS University, Jaipur</p> <p>13. National workshop on “Research plan and process” from 13-14 march 2015 at IIS University, Jaipur</p> <p>14. XXV Annual Conference of SAPI &amp; National Symposium on “Physiological challenges in the changing global scenario for the sustainable production and reproduction of livestock and Poultry” from 22-23 Dec. 2016, at Mhow</p> <p>15. National symposium on "Sustainable Management of Livestock and Poultry Diversity for Enhancing the Farmers Income and XV Annual Convention of Society for Conservation of Domestic Animal Biodiversity (SOCDAB, 2018) held at College of Veterinary and Animal Science, RAJUVAS, Bikaner, 8-10 February, 2018.</p> <p>16. National Seminar on “Morality and Cork Culture in Higher Education” on 8 July 2018 at Jaipur.</p> <p>17. VI Annual Convention of Society for Veterinary Science &amp; Biotechnology and National Symposium on “ Newer Concepts and Approaches for Improvement in Animal health and Production” held at College of Veterinary and Animal Science, Navania, Vallabhnagar 13-14 December, 2018.</p> <p>18. National Workshop on FOLDSCOPE &amp; Symposium on Applied Biotechnology held at IIS University (Deemed to be university), Jaipur &amp; DBT sponsored on 15-16 March, 2019.</p> <p>19. 27<sup>th</sup> Annual Convention &amp; National Conference on “Paradigm shift in Livestock management to obtain High Quality Animal Products for Enhancing Farm Economy&amp; Entrepreneurship” at PGIVER Jaipur on 04-06 Feb. 2020.</p> <p>20. XXVIII Annual Conference of Society of Animal Physiologists of India (SAPI) &amp; National Symposium on “Physiological approaches to address environmental challenges for increasing animal productivity and farmer's income” in association with ICAR-CSWRI, Avikanagar at ICAR-Central Sheep and Wool Research Institute, Avikanagar on 18-19 Feb 2020</p> |
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**12. Training/ Short Course/ Summer School/ Winter School/ Refresher Course/ Orientation Course attended: 07**

| Title of the training/Course | Duration with dates | Sponsored/Organized by |
|------------------------------|---------------------|------------------------|
|------------------------------|---------------------|------------------------|

|  |  |      |
|--|--|------|
| 1. Orientation Training Programme for updating his/her knowledge in respect of Indian Veterinary Council Act, 1984 (52 of 1984) and regulations framed there under Viz. i. Standard of Professional Conduct, Etiquette and code of ethics for Veterinary Practitioners regulations, 1992. ii. Registration Regulation, 1993 Organized by Veterinary Council of India, New Delhi at Jaipur Palace, Jaipur | 1 Day, 27 July,2006  | VCI  |
| 2. ICAR Winter School on “Impact Vulnerability and Adaptation of Indian Livestock to Impending Climatic Changes” organized by National dairy Research Institute, Karnal .  | 21 days from 9 <sup>th</sup> November- 29 <sup>th</sup> Novembert2010.<br><b>21 days</b> | ICAR |
| 3. ICAR Summer School on “Utilization of minor Agri produce to Improve Food Access for Achieving Nutrition Security” organized by Maharana Pratap University of Agriculture & Technology , Udaipur 2012.   | 21 days from 16 <sup>th</sup> August- 5 <sup>th</sup> September 2012.<br><b>21 days</b>  | ICAR |
| 4. ICAR Winter School on “Stem cell technology in farm animals” organized by National dairy Research Institute, Karnal .   | 21 days from 09 <sup>th</sup> Dec.- 29 <sup>th</sup> Dec.2014.<br><b>21 days</b>         | ICAR |
| 5. ICAR national training on “Hands-on training on In vitro Fertilization Technology ” organized by National dairy Research Institute, Karnal .  | 10 days from 15 <sup>th</sup> Dec.- 24 <sup>th</sup> Nov.2016.<br><b>10 days</b>         | ICAR |
| 6. ICAR short course on “Molecular Techniques in Sheep Reproduction ” organized by Central Sheep & wool research Institute, Avikanagar .   | 10 days from 14 <sup>th</sup> May.- 23 <sup>rd</sup> May.2018.<br><b>10 days</b>         | ICAR |
| 7. ICAR short course on “Quality Evaluation and Value addition to Sheep produce with special reference to Wool and Mutton ” organized by Central Sheep & wool research Institute, Avikanagar .   | 10 days from 16 <sup>th</sup> Sept.- 25 <sup>th</sup> Sept.2019.<br><b>10 days</b>       | ICAR |

### 13. Books

| S.N. | Type of book/<br>Manual | Publisher | Name of authors |
|------|-------------------------|-----------|-----------------|
|------|-------------------------|-----------|-----------------|

|    |  |   |  |
|----|--|---|--|
| 1. | Practical Veterinary Physiology<br>(2019-20) | Satish Serial Publishing House<br>(International Books and Periodicals Supply Service)<br>ISBN Number- 978-93-88892-23-0                                      | Govind Sahay Gottam,<br>Pavan Kumar Mittal,<br>Barkha Gupta, S. K.<br>Jindal and D.R.<br>Bilochi |
| 2. | Practical Veterinary Physiology<br>(2020)    | Satish Serial Publishing House<br>(International Books and Periodicals Supply Service)<br>ISBN Number- 978-93-88892-57-5<br>E. ISBN Number- 978-93-88892-58-2 | Barkha Gupta, Govind<br>Sahay Gottam, S. K.<br>Jindal, Pavan Kumar<br>Mittal and D.R.<br>Bilochi |

#### 14. Folder

| S. No. | Title of the paper   | Name of authors  | Year of publication |
|--------|--|--|---------------------|
| 1.     | i'kq jksxksa ds funku gsrq ew= o jä IEcU/kh tSo&jklk;fud tkapsa      | M,- th- ,l- xkSre] M,- cj[kk xqlrk] M,- ,l- ds- ftany] M,- ns'kjkt fcyksph ,oa M,- iou dqekj feÜky | 2020                |
| 2.     | Ms;jh i'kqvksa rFkk mudh mRikndrk ij ghV LV <sup>a</sup> SI dk çHkko | M,- th- ,l- xkSre] M,- cj[kk xqlrk] M,- ,l- ds- ftany] M,- ns'kjkt fcyksph ,oa M,- iou dqekj feÜky | 2020                |

#### 15. Practical Manuals:- 17

| S.No. | Course No. | Course Name  |
|-------|------------|--|
| 1.    | VPY- 111   | Locomotors, Cardiovascular, Respiratory & Blood                |
| 2.    | VPY- 121   | Digestive, Excretory & nervous system                          |
| 3.    | VPY- 211   | Reproduction, Lactation & Endocrinology                        |
| 4.    | VPY- 221   | Growth, Environment & Climatology                              |
| 5.    | VPB- 111   | Blood Cardiovascular Excretory system & Body fluids            |
| 6.    | VPB- 121   | Neuromuscular Digestive & Respiratory system                   |
| 7.    | VPB-221    | Endocrinology, Reproduction, Growth & Environmental Physiology |
| 8.    | AHD-121    | Introductory Veterinary Physiology & Biochemistry-I            |
| 9.    | AHD-122    | Introductory Veterinary Physiology & Biochemistry- II          |
| 10.   | -          | Combat against infertility through estrus synchronization      |
| 11.   | Veterinary | Practical Manual for First Year B.V.Sc. & A.H.                 |



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|-----|---|--|
|     | Physiology-I <sup>st</sup>                  |  |
| 12. | Veterinary<br>Physiology-II <sup>nd</sup>   | Practical Manual for First Year B.V.Sc. & A.H.   |
| 13. | VPB-321                                     | Animal Biotechnology   |
| 14. | Veterinary<br>Biochemistry-I <sup>st</sup>  | Practical Manual for Second Year B.V.Sc. & A.H.  |
| 15. | Veterinary<br>Biochemistry-II <sup>nd</sup> | Practical Manual for Second Year B.V.Sc. & A.H.  |
| 16. | VLD-411                                     | Practical Manual Veterinary Clinical Biochemistry and Laboratory Diagnosis-I (0+1) (VLD-411), IV <sup>th</sup> Year B.V.Sc. & A.H. |

### **16. Duties Performed**

1. Superintendent of Examination of College at CVAS Vallbhnagar
2. In-charge of College at CVAS Vallbhnagar & PGIVER, Jaipur
3. Hostel Warden at CVAS Vallbhnagar
4. HOD of Dept. of Physiology & Biochemistry, PGIVER
5. In-charge of Dept. of Physiology & Biochem. at CVAS Vallbhnagar & PGIVER
6. Assistant Superintendent of Examination, at CVAS Vallbhnagar
7. Assistant Dean Student Welfare (ADSW) of PGIVER
8. DDO of PGIVER
9. DDO of Liaison office of RAJUVAS
10. Liaison officer, RAJUVAS
11. Vehicle incharge, PGIVER
12. Building Incharge, PGIVER
13. Inspector of University of Kota
14. Member of Academic council of University of Kota
15. Theory Examination Paper setter and External Practical Examiner at different Universities of India
16. Convener & Member of Flying Squad of Examination
17. Incharge of AHDP Institute, PGIVER, Jaipur

### **17. List your Publications (Research papers published in referred journals only) : 17**

1. **G.S. Gottam**, N.Kataria A.K., Kataria & Singh, L. (2005) "Effect of Drought in red blood cells indices in Sheep & Goats". *Veterinary Practitioner*, Bikaner, 6(1): 35-36.
2. **G.S. Gottam**, N.Kataria A.K., Kataria & Singh, L. (2005) "Effect of Drought on serum mineral status in Sheep & Goats". *Indian Vet. Med. Jour*, Vol.29: 246-248.
3. **G.S. Gottam**, N.Kataria A.K., Kataria & Singh, L. (2005) "Serum metabolic profile of goats during stress". *Veterinary Practitioner*, Bikaner, 5(2): 156-158.
4. **G.S. Gottam**, N.Kataria & A.K. Kataria (2010) "Serum metabolic profile of sheep during stress". *Veterinary Practitioner*, Bikaner, 11(1): 19-21.
5. **G.S. Gottam**, N.Kataria & A.K. Kataria (2010) "Liver function tests in sheep during stress". *Veterinary Practitioner*, Bikaner, 11(2): 106-108.
6. R.K. Paul ,**G.S. Gottam** & Sunita Pareek, (2011) "Effect of lactation and pregnancy on serum biochemical and hematological profiles of Surti buffaloes." *Veterinary Practitioner*, Bikaner, 12(1): 94-96.
7. **G.S. Gottam**, N.Kataria & A.K. Kataria (2011) "Effect of drought on white blood cell indices in sheep". . *Veterinary Practitioner*, Bikaner, 12(2): 106-108.
8. **G.S. Gottam**, N. Kataria & A.K. Kataria (2013) "Effect of drought on Liver function tests in goats". *Veterinary Practitioner*, Bikaner, 14 (1): 113-114.
9. **G.S. Gottam**, N.Kataria & A.K. Kataria (2016) "Effect of drought on white blood cells indices in goats". *Veterinary Practitioner*, Bikaner 17(2): 261-262
10. **G.S. Gottam**, N.Kataria & A.K. Kataria (2018) "Effect of drought on Vitamin A in sheep and goats." *Veterinary Practitioner*, Bikaner 19(2): 186-187
11. Pavan Kumar Mittal, A.K. Madan, Vijay Sharma, **G.S. Gottam** and Barkha Gupta (2019) "Cryopreservation of Buffalo Bull Semen- Restriction and Expectation: A Review" *Int.J.Curr. Microbiol. App. Sci* , 8 (1): 1351-1358
12. Pavan Kumar Mittal, **G.S. Gottam**, Barkha Gupta and Desh Raj Bilochi (2019) "The effect of climate change on productivity and reproductive and health performance of livestock: A review". *Journal of Entomology and Zoology studies*,7(2): 04-09
13. **G.S. Gottam**, N. Kataria & A.K. Kataria (2019) "Effect of stress during drought on blood indices in goats." *Veterinary Practitioner*, Bikaner 20(1): 24-25
14. **G.S. Gottam** & N. Kataria (2019) "Perusal of varying environmental conditions versus physiological cadence in pugal sheep from arid tracts subsiding serum cortisol and glutathione status" *Veterinary Practitioner*, Bikaner 20 (2): 204-206
15. **G.S. Gottam** & N. Kataria (2020) "Appraisal of antioxidant system in pugal sheep from arid tracts during varying environmental conditions" *Veterinary Practitioner*, Bikaner 21(1): 21-23

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**18. Significant contribution :**

1. The state of Rajasthan is widely known for its prized animal wealth. Their performance in terms of milk, meat & wool production and farm power had been commendable. As on to date, the state has the highest sheep & goat population. This tempted me to sustain animal productivity during drought conditions, when their productivity falls significantly. I therefore, planned & investigated the alterations in the haematological & serum metabolite, mineral and enzymes profile, during the drought period, in the sheep & goat population in Jaisalmer district of Rajasthan, where climate is hot & arid for the major part of the year. The research finding indicated that goat population of the area is better adapted and more resistant to drought condition than sheep. Probably this is a contributing factor for ever increasing goat population in the area as compared with sheep population. It is interesting to take on spot observation of the alterations, to precisely conclude the finding and this seems to be the pioneering approach in study of the alteration.
2. The state of Rajasthan, with high expectations, launched Indra Gandhi Canal Project (IGNP) for the prosperity of farmer community following traditional animal husbandry practices & water conservation practices. Interestingly, the outcome of the project could not come up to the expectation. While I was a under graduate student of Veterinary College of Bikaner, a study in the villages in vicinity of IGNP in district Bikaner was carried out during year 2001. It was learnt that livestock owner left their traditional water conservation practices with the hope that the water from the canal will meet the requirements round the year but It did not happened so. Animal population & their productivity in study area significantly decreased mainly due to scarcity of water & food resources. The canal has also contributed increased humidity that favours propagation of microbes & intermediate host of parasitic diseases in situ.
3. Ever since, completion of the post graduates work, my efforts were focused on increasing the awareness in the livestock owners, who belonging to marginal farmers & landless community. I have been time to time publishing popular technical articles

in national daily papers on various topics dedicated to increased productivity of the livestock and making livestock industry as a profitable occupation for the lady farmers.

4. Thereafter, I had been working as Assistant Professor in scale of 8000-275-13500 for three years at ACVM. I was actively involved in academic activities of my parental discipline (Vety. Physiology) at Apollo College of Veterinary Medicine, Jaipur. Various courses prescribed by VCI - Blood, Cardiovascular, Respiratory, Locomotors system (VPY- 111), Digestive, Nervous, Excretory system (VPY-112), Endocrinology, Reproduction, Lactation (VPY-211) & Environmental physiology (VPY-221) were taught with interest to under graduate students consequently, I am proud of my efforts, that translated in to securing positions in first five meritorious candidate in examination conducted by Rajasthan Agriculture University, Bikaner. I use multimedia and modern projection facilities like LCD projector for taking of theory and practical. In addition I am involved in the preparing computerized comprehensive manuals that hopefully meet the requirement not only of the students but teachers, diagnostic laboratories and other veterinary clinicians, conducting examinations, organizing specialized seminars, interactive sessions between clinical and pre clinical courses, question answer sessions etc.
5. I was the member of the editorial board Apollo College of Veterinary Medicine news letter, magazine. I was involved all college extracurricular activities, sports, social function & other exhibition & shows.
6. By virtue of working since the inception of the college, I was involved in creating infrastructure facility not only of department of physiology but also in over all development of the upcoming college in public & private sector.
7. I was involved in organizing student's cultural programme, their visit to different institutions and also in college educational tours.
8. Then I have joined as Assistant Professor at CVAS, Vallabh Nagar in MPUAT Udaipur. Besides development, establishment of department & academic activities of my parental discipline (Vety. Physiology), I had Performed duties in administration like Superintendent of Examination, Assistant, Superintendent of Examination, In-charge of College, Hostel Warden, In-charge of Department of Physiology & Biochemistry & member of various committees related to students and administration at CVAS Vallbhnagar.
9. Then I have joined as Assistant Professor at PGIVER Jaipur. Besides development, establishment of department & academic activities of my parental discipline (Vety. Physiology), I had performed duties in administration like In-charge of College, In-

charge of Department of Physiology & Biochemistry, Assistant Dean Student Welfare. DDO PGIVER & Liaison office, Liaison officer, RAJUVAS, Vehicle Incharge, & Building Incharge, PGIVER. And act as Convener & member of various committees related to students and administration like counseling of students, sports, cultural activities, physical verification committees, disciplinary committees, scientific committees, organizing committees, purchase committees.

10. Then I have promoted as Associate Professor in 2017 & Professor in 2020 at PGIVER Jaipur & performing duties as HOD (Head of the Department of physiology & Biochemistry). In my tenure as HOD the Department of Physiology & Biochemistry is now well equipped with modern instruments; it possesses clinical chemistry analyzer, Hematology analyzer, automatic semen analyzer, UV spectrophotometer, Flame Photometer, Horizontal & Vertical electrophoresis, Polygraph, ECG machine, ELISA and other recent equipments. Since I am working with the inception of Department of Physiology & Biochemistry, at PGIVER, (UG Course started w.e.f. 2015), I have procured, installed and made functional all the departmental facilities under my keen supervision by putting my dedicated efforts and belongingness to the subject and department as a whole for development of Veterinary Profession. I am actively working on these instruments to train UG students, PG student and Ph.D. student. I am proud of my efforts that translated in to securing positions in first five meritorious candidates in examinations during the years conducted by RAJUVAS, Bikaner.

I use multimedia and modern projection facilities like LCD projector for taking of theory and practical. In addition I am involved in the preparing computerized comprehensive manuals that hopefully meet the requirement not only of the students but teachers, diagnostic laboratories and other veterinary clinicians. I am involved in conducting examinations, organizing specialized seminars, interactive sessions between clinical and pre clinical courses, question answer sessions etc.

11. I have been performing duties of Liaisoning with Government Secretariat, planning, Finance and Animal Husbandry etc, Government of Rajasthan for pursuing the matters related to this university (RAJUVAS), as Liaison Officer under direct supervision of Hon'ble Vice Chancellor, RAJUVAS, Bikaner. I have been performing duties of Incharge of University guest house, Jaipur (RAJUVAS guest house)
12. As per UGC regulation, adopting teaching as a profession I assume the obligation to conduct myself in accordance with the ideal of the profession being constantly under

the scrutiny of the students and the society at large. Therefore, I always try to ensure that there is no incompatibility between my precepts and practice. I, personally cooperate and assist in carrying out the functions relating to the educational responsibilities of the college and the university, such as assisting in appraising applications for admission, advising and counseling students as well as assisting in the conduct of university and college examinations, including supervision, invigilation and evaluation and participate in extension, co-curricular and extra-curricular activities, along-with the community service.

Since teachers and society are alike and on the same faces of a coin, I always try to maintain my personal behavior as teacher to: (i) Recognize that education is a public service and strive to keep the public well informed of the educational programmes being provided; (ii) Work to improvise the level of education in the community and hence strengthening the community's moral and intellectual lifestyle; (iii) Be aware of social problems and take part in such activities as would be conducive to the development of society and hence the country by and large; (iv) Perform the duties of good citizen, participate in community activities and shoulder responsibilities of public offices; (v) Refrain from taking part in or subscribing to or assisting in any ways and activities, which tend to promote feeling of hatred or enmity among different communities, religions or linguistic groups but actively work for national integration. **“I, for myself, am always committed to serve the profession as my noble duty”**

#### **19. Outstanding (awards /honours/)**

1. Received **Second Position** in the *district level science fair* in the subject Educational Technology held from November, **27 -30, 1991** at Government Higher Secondary School Ganagapur city, Swai Madhopur, Rajasthan
2. Participated in 24<sup>th</sup> *State level Science Fair* in the subject Educational Technology organized Rajasthan State educational Research & Training Institute, Udaipur at Government Poddar Higher Secondary School Jaipur from January, **06-10, 1992**
3. Received Award from Rajasthan University of veterinary & Animal Sciences, Bikaner on **26<sup>th</sup> January, 2018** as Liaison officer of RAJUVAS for outstanding contribution for being *“Sincere, Hard Working & Dedicated”* .

4. **Evaluated the Research Paper as JURY** at the 34<sup>th</sup> M.P. Young Scientist Congress held at Rajiv Gandhi Proudyogiki Vishwavidyala, Bhopal during **February 28- March 01, 2019** organized by *M.P. Council of Science and Technology, Vigyan Bhawan , Nehru Nagar , Government of Madhypradesh Bhopal.*
5. Received “**Vice Chancellor’s Award for Excellent performance by officers of the University**” from Rajasthan University of veterinary & Animal Sciences, Bikaner on **15<sup>th</sup> January, 2020 for appreciable services** as Liaison officer of RAJUVAS.

**Signature of Candidate**