

CURRICULUM VITAE OF DR. G.K. SINGH



Name : Dr. G.K. Singh
Date of birth : 7th January, 1955
Nationality : Indian
Address

Office : Dr. G.K. Singh, Ph.D.
 Dean
 College of Veterinary & Animal Sciences
 G.B. Pant University of Agriculture & Technology
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Residence : Dr. G.K. Singh, Ph.D.
 I/ 3/ 9, Phool Bagh
 Pantnagar-263 145, U.S. Nagar, INDIA
 ☎ : 05944-233416, 233705

Permanent : Vill.: Sarai Naurang
 P.O.: Birsingh Pur
 Distt.: Sultan Pur (U.P.)

Academic qualifications

Exam. / Degree	Board/ university	Year of passing	Division/ % of marks	O.G.P.A.	Subjects
High School	U.P. Board	1970	Ist, 72.0	-	Hindi, English, Maths, Science, Biology (Dist. in Maths & Science)
Intermediate	U.P. Board	1972	Ist, 61.6	-	Hindi, English, Physics, Chemistry, Biology
B.Sc.	Allahabad University	1974	IInd, 49.6	-	Zoology, Botany, Chemistry
B.V.Sc. & A.H. (Hons.)	G.B.P.U.A.&T.	1978	Ist, 89.235	4.949/5.000	All subjects of BVSc&AH (Vice-Chancellor's Silver Medal), II position
M.V.Sc. (Pathology)	G.B.P.U.A.&T.	1980	Ist, 90.0	5.000/5.000	Veterinary Pathology
Ph.D. (Pathology)	G.B.P.U.A.&T.	1986	--, 90.0	5.000/5.000	Veterinary Pathology
Ph.D. (Anatomy)	G.B.P.U.A.&T.	1993	--, 90.0	5.000/5.000	Veterinary Anatomy

Professional experience

Assistant Professor	: 02.02.1981 to 09.11.1987
Associate Professor	: 10.11.1987 to 09.11.1997
Professor	: 10.11.1997 till date
Head of the Department	: 11.04.1998 to 14.12.2007
Director, Training & Placement	: 01.07. 2003 to 13.10. 2006
Dean, C.V.A.Sc.	: Aug. 2008 till date

Administrative experience

Chairman, Advisory Board, Test & Selection	27.10.2010 till date
Dean, VASc	01.08.2008 till date
Appelate Officer, RTI (CVASc)	01.08.2008 till date
Chief Warden (Nehru & Pant Bhavan Hostels)	01.08.2008 till date
Director Administration & Monitoring	10.01.2008 to 31.07.2008
Chief Security Officer	10.01.2008 to 31.07.2008
Director, Administration	05.11.2007 to 09.01.2008
Chief Vigilance Officer	05.11.2007 to 31.07.2008
Chief Reception Officer	05.11.2007 to 31.07.2008
Nodal Officer, RTI	05.11.2007 to 31.07.2008
Director, Training & Placement	01.07.2003 to 13.10. 2006
Head, Department of Veterinary Anatomy	11.04. 1998 to 14.12.2007
In charge, Department of Veterinary Anatomy	22.7. 1994 to 10.04. 1998
Staff Counselor, University Indoors Club	1991-1993
Officer In-Charge, College Stores	Jul. 1990 to Dec. 1995
Staff Counselor, University Swimming Club	1989-1991
Warden, Nehru Bhavan Hostel	13.12. 1988 to 17.10. 1993
Staff Counselor, University Table-tennis Club	1987-1989
Staff Counselor, University Badminton Club	1985-1987

Research projects undertaken

Etiopathological studies on pneumoenteritis complex in neonatal calves. Financed by **ICAR. As Graduate Research Assistant**

Histomorphological and histochemical studies on the genitalia of goat. Financed by **GBPUAT. As Project Leader**

Histological and histochemical studies on the structural changes in endocrine glands of goat following different methods of emasculation. Financed by **GBPUAT. As Project Leader**

Anatomical studies on the lymphoid tissues of buffalo(*Bubalus bubalis*). Financed by **GBPUAT. As Project Leader**

Evaluation of specific and paraspecific immunity in developmental stages of chickens. Financed by **Dept. of Science & Technology. As Principal Investigator**

Structural dynamics of thoracic and pelvic limbs of buffalo calves. Financed by
GBPUAT. As Co-Project Leader

Development of computer based instructional and evaluation package in Veterinary
Anatomy. **ICAR. As Principal Investigator** (Submitted)

Seminar/ symposia attended	: 29
Seminar/ symposia organized	: 03
Lectures delivered in training programmes	
Training programme for scientists	: 08
Training programme for officers	: 02
Training programme for farmers/ unemployed youth	: 03
Summer school/ workshop	: 04

Publications

Review articles	: 07
Research papers published	: 73
Research papers presented	: 90
Semitechnical articles	: 11
Books/ Manuals/ Reports	: 15
Chapters in books	: 08

Membership of professional societies

Member, Indian Association of Veterinary Pathologists
Member, Indian Veterinary Association
Life member, Indian Society for Veterinary Medicine
Life member, Indian Association of Veterinary Anatomists
Life member, Society for Immunology and Immunopathology
Life member, Dr. C.M. Singh Endowment Trust
Life Member, Veterinary Alumni Society of Pantnagar
Life Member, International Society for Noni Science

Honours/ Awards

Fellow of National Academy of Veterinary Science (India)
Fellow of Society for Immunology and Immunopathology
Fellow of Indian Association of Veterinary Anatomists
Member, **Veterinary Council of India** (nominated by **GOI**)
Member, **Board of Management, IVRI** (21.05.2013 – 20.05.2015)
Member, Site Selection Committee of ICAR to Nagaland
Member, Standing Committee on Zoonoses (Govt. of India)
Member, **State Level Executive Committee** (U.K.), National Livestock Mission
Member, **Uttarakhand Go Seva Ayog** (nominated by the **U.K. State Government**)
Member, **Moderation Committee for organization of U-SET** (nominated by the
U.K. State Government)

Member, **Uttarakhand Livestock Development Board** (nominated by the
U.K. State Government)

Member Invitee, **Uttarakhand Pashu Kalyan Board** (nominated by the
U.K. State Government)

Member, Academic Council, IVRI

Member, Institute Management Committee of P.D., FMD, Mukteshwar

Member, Institute Management Committee of NRC-E, Hisar

Member, India Literacy Board

Chairman, Advisory Board, Test & Selection

Chairman, Negotiation Committee

President, Vivekanand Swadhyay Mandal, Pantnagar

Vice-President, Indian Association of Veterinary Anatomists

Vice-President, Society for Immunology & Immunopathology

Patron, Veterinary Alumni Society of Pantnagar

Editor, Journal of Immunology and Immunopathology

Editor, Alumni Newsletter

Member, Editorial Board, Ind. J. Vet. Anat.

Organizing Secretary, XVI Ann. Conv. of IAVA, 2001

Member, Selection Committee at GBPUA&T, NDAU, Kumar Ganj; JNKVV,
Jabalpur; WBUAFS, Kolkata; RAU, Bikaner; SKUAST, Srinagar; GADVASU,
Ludhiana; MPUA&T, Udaipur; UPDDUPV&GSS, Mathura

Member Selection Committee – PSC (UP), PSC (UK)

Referee, IVJ, Cheiron, IJVA, IJAR

External Examiner, CCSHAU, CSAU&T, NDAU, PAU, ANGRAU, RAU, OUAT

Best Teacher Award, Basic Vety. Science Group, 2000 - 2001

Best paper presentation award of IAVA- 2001

Best paper presentation award of IAVA- 2002

Founder General Secretary, Veterinary Alumni Society of Pantnagar

Secretary, Board of Faculty of Veterinary & Animal Sciences

Best poster presentation award of IAVA, 2003

Dr. C.M. Singh Trust award, 2004

Best paper presentation award of IAVA- 2004-I

Best paper presentation award of IAVA- 2004-II

Best poster presentation award of IAVA, 2004

Dr. M. Bhattacharya Gold Medal for best paper, IAVA, 2008

Appreciation & Felicitation by IAVA during Silver Jubilee celebrations at
CCSHAU, Hisar (Nov. 5, 2008)

Best paper presentation award of ISVM, 2010

Veterinary Anatomist of the Year award of IAVA, 2010

Convenor/ Member VCI Inspection Team

Member, QRT of ICAR for PDADMAS, Bangalore

Expert to evaluate CAFT at GADVASU, Ludhiana (nominated by Education
Division, ICAR)

Member, DPC of PD, FMD Mukteshwar

Foreign visits

Vienna, Austria (Dec. 9-12, 2003)

(Four days training programme on “Preparation of EM samples at cryo- and room temperatures)

Theses guided

As Chairman Advisory Committee

1. Chaubey, R.K. (1994). Anatomical studies on the post diaphragmatic lymphatic system of buffalo calves (*Bubalus bubalis*). **M.V.Sc.** thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
2. Mugali, A.K. (1996). Studies on homotypic variations in long bones of tarai buffaloes (*Bubalus bubalis*). **M.V.Sc.** thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
3. Shukla, S. (1997). Morphometric studies on gut associated lymphoid tissue during postnatal development in dog. **M.V.Sc.** thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
4. Rajesh Kumar (2001). Ontogeny of lymphoid organs in chicken embryos (*Gallus domesticus*). **M.V.Sc.** thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
5. Mishra, U.K. (2002). Structural and functional development of immunity in chicks. **Ph.D.** thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
6. Dhote, B.S. (2004). Structural and functional development of immunity in chicks. **Ph.D.** thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
7. Prabhakar Kumar (2004). Structural dynamics of apoptosis in avian lymphocytes. **M.V.Sc.** thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
8. Garg, V.K. (2006). Light and electronmicroscopic studies on female genitalia of Kadaknath fowl. **M.V.Sc.** thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
9. Kalita, P.C. (2009). Morphometric, light- and electron microscopic studies on small intestine of Kadaknath fowl. **Ph.D.** thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.

As Member Advisory Committee

1. Mishra, S.K. (1992). Effect of cryoprotective agents on viability of early mouse embryo vitrification. **M.V.Sc.** thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.

2. Sharma, S.K. (1993). Viropathological studies of Newcastle Disease from vaccinated flock. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
3. Singh, R. (1994). Role of Inhibitors on Rotavirus Infection in Neonatal Calves: A Pathological Study. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
4. Singh, P.K. (2000). Clinical studies on the effect of some herbal drugs in diarrhoea and ruminal indigestion in cattle. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
5. Garg, S. (2000). Immunopathological effects of gamma-BHC and quinolphos in chickens. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
6. Gupta, N.K. (2001). Impact of butachlor and isoproteran on immunity of poultry. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
7. Menaka, R. (2003). Light and transmission electron microscopic studies on the blood cells of goat (*Capra hircus*). M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
8. Singh, A.K. (2003). Effect of pesticides on interleukin-1 and -2 in poultry. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
9. Singh, D.D. (2003). Pesticide induced apoptosis in avian lymphocytes. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
10. Shukla, G. (2003). Apoptosis in avian lymphocytes induced by heavy metals. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
11. Singh, S.P. (2004). Structural and functional development of lymphoid organs in Guinea fowl. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
12. Ravikumar, P.V. (2004). Molecular characterization of apoptosis and stress in avian lymphocytes. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
13. Payal Krishna (2004). Physical and ultrastructural variations in copper harvesting bacteria. M.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
14. Saxena, S. (2005). Immunopathological studies on Endosulfan and chlorpyrifos toxicity in birds. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
15. Sarvesh Kumar (2005). Studies on diagnosis and treatment of septic tenovitis in buffaloes. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
16. Tripathi, A.K. (2005). Evaluation of immunomodulatory effects of *Ocimum sanctum* and *Embllica officinalis*. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.

17. Kanchana, R. (2006). Gross, histological and biometrical studies on oviduct of Guinea fowl (*Numida meleagris*). M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
18. Gupta, V. (2007). Light and ultramicroscopic studies on the blood cells of Guinea fowl (*Numida meleagris*). M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
19. Manish Kumar (2008). Studies on canine cataract surgery and optical rehabilitation by IOL implantation. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
20. Samte, L. (2009). Gross morphometric, light and electronmicroscopic studies on the large intestine of Kadaknath fowl. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
21. Gupta D.K. (2010). Evaluation of immuno-therapeutic and antioxidative effects of some herbs in bovine subclinical mastitis. Ph.D. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
22. Das, S. (2010). Gross, histological, histochemical and ultrastructural studies on proventriculus and gizzard of Kadaknath fowl. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
23. Mehta, S. (2010). Light and ultrastructural studies on the blood cells of pig (*Sus scrofa*). Ph.D. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
24. Mrigesh, Meena (2011). Cytomorphological, cytochemical, cytoenzymic and ultrastructural studies on blood cells of *Equus asinus*. Ph.D. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
25. Mohammad Nasir (2012). Studies on the oncolytic effect of NS-1 gene of canine parvo virus and vincristine on venereal granuloma in canine. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
26. Verma, A.K. (2013). Studies on the therapeutic effect of NS-1 gene of canine parvo virus on mammary gland tumour of female dogs. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
27. Singh, Parul (2013). Studies on reference ranges of two dimensionally guided M-mode echocardiographic indices in goats. M.V.Sc. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.
28. Ganguli, Bhaskar (2015). *In vitro* and *in vivo* studies on the protective potential of *Withania somnifera* against Infectious Bursal Disease virus of poultry. Ph.D. thesis. G.B. Pant University of Agriculture & Technology, Pantnagar.

Expert lectures delivered in seminars/ symposia/ workshops/ trainings

1. Meat contamination: its causes and prevention. Training course on “Abattoir management and manpower development”. Sponsored by Ministry of Food Processing Industries, Govt. of India. G.B. Pant University of Agriculture & Technology, Pantnagar (14-28 Dec., 1997).
2. Morphogenesis of lymphoid organs/ ontogeny of immune system in animals. Training course on “Immunopathology: Modern Trends in Diagnosis and Control”. Sponsored by Department of Biotechnology, Govt. of India. G.B. Pant University of Agriculture & Technology, Pantnagar (2-21 Feb., 1998).
3. Immunology of digestive, respiratory and genital systems. Training course on “Immunopathology: Modern Trends in Diagnosis and Control”. Sponsored by Department of Biotechnology, Govt. of India. G.B. Pant University of Agriculture & Technology, Pantnagar (2-21 Feb., 1998).
4. Meat contamination: its causes and prevention. Training course on “Abattoir management and manpower development”. Sponsored by Ministry of Food Processing Industries, Govt. of India. G.B. Pant University of Agriculture & Technology, Pantnagar (16-30 Mar., 1998).
5. Anatomy in relation to ante-mortem and post-mortem examination of the food animals. Training course on “Meat Inspection/ Hygiene and Slaughterhouse Management for the Officers of Department of Livestock Sciences, Lalitpur, Nepal. G.B. Pant University of Agriculture & Technology, Pantnagar (27 Mar.- 11 Jul., 2000).
6. A brief introduction with anatomy and histology of bovine urinary system. Second Seminar-cum- workshop on “Current status, diagnosis and management of enzootic bovine haematuria. Indian Veterinary Research Institute, Izatnagar (12-24 Feb., 2001).
7. Anatomical considerations in surgical ailments of equines. Summer school on “Advances in Equine Surgery”. G.B. Pant University of Agriculture & Technology, Pantnagar (12 Jun-03 Jul., 2001).
8. Anatomy of Hoof. HRD Training Programme on Hoof Shoe Technology under AICRP on Increased Utilization of Animal Energy with Enhanced System Efficiency. G.B. Pant University of Agriculture & Technology, Pantnagar (5-6 Sept., 2001).
9. Reproductive anatomy of female genitalia. Winter school on “Application of Embryo Biotechnology for Conservation and Multiplication of Elite Animals”. G.B. Pant University of Agriculture & Technology, Pantnagar (22 Dec., 2001-11 Jan., 2002).
10. Mada pashuon mein jananango ki sanrachana. Training programme for inseminators. G.B. Pant University of Agriculture & Technology, Pantnagar (14 - 19 Jan., 2002).
11. Anatomical considerations in immunology of female reproductive tract. Summer school on “Advances in Structure and Function of Productive and Reproductive Behaviour of Animals at Higher Altitude”. HPKV, Palampur (2-22 Sept., 2002).
12. Role of media in enhancing the efficiency of learning teaching process. XVII Annual Convention of Indian Association of Veterinary Anatomists and National Symposium on “Recent Advances in Veterinary Anatomy for Increasing Livestock Productivity. Bombay Veterinary College, Parel, Mumbai (November 14-16, 2002).
13. Status of Veterinary Education in Uttaranchal. National Seminar on “Higher Education: Opportunities and challenges in Uttaranchal”, Dehradun (27-28 Jun., 2003).

14. Astrocytes: The multifunctional cells of the nervous system. National symposium on “Recent advances in veterinary anatomy and its interdisciplinary approach for livestock production”. Faculty of Veterinary and Animal Sciences, WBUAFS, Kolkata (November 16-18, 2004).
15. Nature and Extent of Emerging Job Opportunities in Agriculture. National seminar on “Nature and Extent of Emerging Job Opportunities in Agriculture”. Rajasthan College of Agriculture, Udaipur (April 7-8, 2005).
16. New vistas in structural dynamics of apoptosis. National Symposium on “Recent advances in anatomical concepts and techniques for the improvement of livestock production and health”. Sher-e-Kashmir University of Agriculture and Technology, R.S.Pura, Jammu (December 21-23, 2006).
17. Role of cell adhesion molecules in developmental processes. National symposium on “Recent advances in anatomy of the domestic animals with special reference to developmental anatomy” and XXII annual convention of IAVA. Sri Venkateswara Veterinary University, Tirupati (November 21 – 23, 2007).

Seminar/ symposia/ workshop/ conference attended

1. National Symposium on “Viral Pathogenesis and Immunity”. V.P. Chest Institute, University of Delhi, New Delhi (3-5 Oct., 1986).
2. National Seminar on “Avian Diseases”. A.P.A.U., Rajendra Nagar, Hyderabad (17-19 Dec., 1986).
3. All India Review Meeting of Embryo Transfer Center Incharges. G.B.P.U.A.&T., Pantnagar (18-19 Jan., 1995).
4. National Symposium on “Applications of Anatomy in Animal Health and Production”. H.P.K.V., Palampur (7-9 Jun, 1995).
5. WHO/ NICD Workshop on “Surveillance and Control of Rabies. G.B.P.U.A.&T., Pantnagar (11-15 Dec., 1995).
6. National Symposium on “Impact of Environmental Pollution on Health and Production of Livestock. Poultry and Wildlife”. G.B.P.U.A.&T., Pantnagar (4-6 Nov., 1996).
7. National symposium on “Recent Advances in Veterinary Anatomy and Their Applications in Biotechnological, Immunological and Clinical Practices in Animals and Poultry”. Nagpur Veterinary College, Nagpur (17-19 Oct., 1997).
8. National Symposium on “Applications of Anatomy, Histology and Embryology for the Improvement of Production and Health of Animals and Birds”. C.V.Sc., PAU, Ludhiana (27-29 Oct., 1999).
9. National Seminar on “Recent Advances in Livestock Development and their Implications”. G.B.P.U.A.&T., Pantnagar (24-25 Mar., 2000).
10. National Seminar on “Reforms in Veterinary Teaching”. G.B.P.U.A.&T., Pantnagar (05 Aug., 2000).
11. National Symposium on “Animal Structural Dynamics to Improve Health and Production”. G.B.P.U.A.&T., Pantnagar (8-10 Nov., 2001).
12. National Symposium on “Immunomodulation in Animal Health and Disease”. G.B.P.U.A.&T., Pantnagar (14-15 Dec., 2001).
13. National Symposium on “Recent Advances in Veterinary Anatomy for Increasing Livestock Productivity”. Bombay Veterinary College, Parel, Mumbai (14-16 Nov., 2002).
14. National Symposium on “Livestock Production Systems for Sustainable Food Security and Livelihoods in Mountain Areas”. G.B.P.U.A.&T., Pantnagar (30-31 Dec., 2002).
15. National Seminar on “Higher Education: Opportunities and challenges in Uttaranchal”. Dehradun (27-28 Jun., 2003).

16. National symposium on “Recent advances in veterinary anatomy and its interdisciplinary approach for livestock production”. Faculty of Veterinary and Animal Sciences, WBUAFS, Kolkata (November 16-18, 2004).
17. International workshop on “IP, Innovations and Technology Management”. Science and Technology Park, Pune (December 11-12, 2004).
18. National seminar on “Nature and Extent of Emerging Job Opportunities in Agriculture”. Rajasthan College of Agriculture, Udaipur (April 7-8, 2005).
19. National Symposium on “Recent advances in anatomical concepts and techniques for the improvement of livestock production and health”. Sher-e-Kashmir University of Agriculture and Technology, R.S.Pura, Jammu (December 21-23, 2006).
20. National symposium on “Recent advances in anatomy of the domestic animals with special reference to developmental anatomy”. Sri Venkateswara Veterinary University, Tirupati (November 21 – 23, 2007).
21. Gosamskriti – 2008 at Shri Krishna Kripadham, Vrindavan, Mathura (September 28 – 30, 2008).
22. National symposium on “Advances in veterinary anatomy teaching and research with reference to their clinical applications”. CCSHAU, Hisar (November 5 -7, 2008).
23. International symposium on “Food safety, quality assurance and global trade: concerns and strategies” G.B.P.U.A.&T., Pantnagar (November 7 -9, 2008).
24. International
25. National symposium on “Emerging Agrifood System – Challenges and Opportunities”. G.B.P.U.A.&T., Pantnagar (November 15 -16, 2008). Co-chaired a session on “Institutional Arrangement.
26. International congress of veterinary anatomy and symposium on New concepts and innovative technologies in veterinary anatomy for sustainable livestock production in the new millennium. Taj Residency, Lucknow (November 4-6, 2009).
27. National workshop on “Transforming Agriculture in Uttarakhand”. Raj Bhavan, Nainital (May 13-14, 2010). Moderator: Veterinary, Animal Science & Fishery Group.
28. National symposium on “Veterinary Anatomy as a vital partner in the improvement of health and production of livestock and birds”. RAGACOVAS, Kurumbapet, Pudducherry (Oct 27-29, 2010).
29. National workshop on Rural Agricultural Work Experience (RAWE) U.A.S., GKVK, Bangalore (May 19-20, 2011)

Seminar/ symposia/ conference organized

1. National symposium on “Animal Structural Dynamics to Improve Health and Production” and XVI Annual Convention of Indian Association of Veterinary Anatomists. College of Veterinary Sciences, G.B. Pant University of Agriculture & Technology, Pantnagar (8-10 Nov., 2001).
2. National symposium on “Linkage between institution and private/ public sector institutions/ organizations: Issues and strategies” and Veterinary Alumni Meet-2004. College of Veterinary Sciences, G.B. Pant University of Agriculture & Technology, Pantnagar (27-28 Nov., 2004).
3. National symposium on “Challenges and opportunities for veterinarians in 21st century” and Veterinary Alumni Meet – 2006. College of Veterinary Sciences, G.B. Pant University of Agriculture & Technology, Pantnagar (28-29 Oct., 2006).

Radio talks delivered

1. Tympanites in animals - AIR Rampur
2. Pox in animals - AIR Rampur
3. Pneumonia in animals - AIR Rampur
4. CVASc in the service of farmers - AIR Rampur

Sports/ cultural/ community/ extension services

1. Member, University Rowing Club 1974-75
2. Vice-Captain, University Rowing Club 1975-76
3. Captain, University Rowing Club 1976-77
4. General Captain, Rhea Hostel, Allahabad University 1973-74
5. Member, Badminton Club, Nehru Bhawan 1974-75
6. Representative, 4-H Club 1974-75
7. Member, Cricket Team, 1974 Batch 1976-77
8. Staff Counselor, University Badminton Club 1985-87
9. Staff Counselor, University Table-Tennis Club 1987-89
10. Staff Counselor, University Swimming Club 1989-91
11. Staff Counselor, University Indoors Club 1991-93
12. Manager, University Teams in various Inter-university tournaments
13. Member, College Research Advisory Committee
14. Member, Course and Curriculum Committee 1998-2002
15. Member, Academic Council 1998-till date
16. Liaison Officer, Pantnagar News 1997-2004
17. Secretary, Heads Committee 1999-2004
18. Chairman, Cultural Activity Group 2000-2004
19. Chairman Teaching Coordination Committee 1996-2003
20. Incharge, Time-Table, C.V.A.Sc. 1996-2004
21. Member, University Discipline Committee 2001-2002
22. Member, Education Policy Committee 2002-2004 & 2005-2008
23. Member, Executive Council, Campus School 2003-2005
24. Treasurer, Pantnagar University Alumni Association 2005-2006

Any other (Prizes/ medals/ scholarships etc.)

- 1) B.V.Sc. & A.H. degree with Honours
- 2) **Vice-Chancellor's Silver Medal** for securing IInd position in B.V.Sc. & A.H. programme
- 3) University Merit Certificate for all the four years of B.V.Sc. & A.H. programme
- 4) Recipient of Bursary Scholarship during IInd year of B.V.Sc. & A.H. programme
- 5) Recipient of Merit Scholarship during IIIrd year of B.V.Sc. & A.H. programme
- 6) Recipient of Narendra Mohan Scholarship during IVth year of B.V.Sc. & A.H. programme
- 7) Graduate Research Assistantship during M.V.Sc. degree programme
- 8) First Prize in 'Best Dissection Competition'
- 9) First Prize in 'Professional Skill Competition'
- 10) First Prize in 'Poultry Show'
- 11) Second Prize in 'Poultry Judging Competition'
- 12) Second Prize in '800 Meter Rowing Race' (Singles)
- 13) Second Prize in '1500 Meter Rowing Race' (Lucky Doubles)
- 14) Second Prize in 'C.V.Sc. Geetmala, Vets' Nite 1977-78
- 15) Third Prize in 'Milking Competition'
- 16) Third Prize in '400 Meter Rowing Race' (Singles)

- 17) Runner, Inter-batch Cricket Tournament 1975-76
- 18) Runner, Inter-batch Cricket Tournament 1976-77
- 19) Consolation Prize in 'Instrumental' Vets' Nite 1977-78

(G.K. Singh)

LIST OF PUBLICATIONS

Theses:

- Singh, G.K.** (1980). *Escherichia coli* in relation to calf scours: a clinicopathological study. M.V.Sc. thesis, G.B. Pant University of Agriculture & Technology, Pantnagar.
- Singh, G.K.** (1986). Studies on fowl pox virus: pathogenesis and pathology. Ph. D. thesis, G.B. Pant University of Agriculture & Technology, Pantnagar.
- Singh, G.K.** (1993). Anatomical studies on lymph system of the prediaphragmatic region of buffalo calves (*Bubalus bubalis*). G.B. Pant University of Agriculture & Technology, Pantnagar.

Review articles:

- Chauhan, R.S.; **Singh, G.K.** and Garg, S. (1998). Immunohistochemistry: Principles and Applications. *Introduction SIIP*. Pp 11-27.
- Chauhan, R.S. and **Singh, G.K.** (2000). Congenital and acquired immunodeficiency disorders of man and animals. *Journal of Immunology and Immunopathology* **2(1,2)**: 1-14.
- Rajesh Kumar; **Singh, G.K.** and Chauhan, R.S. (2001). Immunomodulation: An overview. *Journal of Immunology and Immunopathology* **3(2)**: 1-15.
- Kalita, P.C. and **Singh, G.K.** (2009). Structural and functional dynamics of M-cell. *Journal of Immunology and Immunopathology* **11(1)**: 15-20.
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