DEPARTMENT OF VETERINARY PATHOLOGY
College of Veterinary Sciences & Animal Husbandry,
Narendra Dev University of Agriculture & Technology,
Kumarganj-224229, Faizabad, U.P. (India)

OUR OBJECTIVES
- To produce competent Veterinary Pathologists for accurate disease diagnosis
- Post Graduate Teaching
- To make accurate disease diagnosis of the cases brought to the Teaching Veterinary Clinical Complex (TVCC)
- To know the exact cause of death by conducting Post Mortem Examination
- To conduct basic and applied research in the field of Veterinary Pathology
- To participate in the Extension activities of the University
- To diagnose the disease at cellular/tissue level by using Histopathological Technique and Biopsy

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Faculty with Mobile No.</th>
<th>Designation</th>
<th>Qualification</th>
<th>Date of Birth</th>
<th>Year of Appointment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Debasish Niyogi 8004133869</td>
<td>Associate Professor &amp; Head</td>
<td>M.V.Sc. Ph.D. (Veterinary Pathology)</td>
<td>09.08.1975</td>
<td>2001</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Desh Deepak Singh 9415918431</td>
<td>Assistant Professor</td>
<td>M.V.Sc. Ph.D. Persuing (Veterinary Pathology)</td>
<td>10.03.1977</td>
<td>2004</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. K. K. Tripathi 9410038185</td>
<td>Assistant Professor</td>
<td>M.V.Sc. (Veterinary Pathology)</td>
<td>16-12-1972</td>
<td>2013</td>
</tr>
</tbody>
</table>
HISTORY OF THE DEPARTMENT

- Department was established in 2000 with one Assistant Professor (Fixed Pay) Dr. Debasish Niyogi
- In August 2004, Dr. Desh Deepak Singh was appointed as Assistant Professor in the Department
- In December 2004, Dr. Ashwini Kumar Singh was appointed as Assistant Professor and left the University in June 2008 to join the post of Assistant Director, National Institute of Animal Health, Baghpath
- Separate building for Post Mortem Examination was constructed adjacent to the College building in 2009
- M.V.Sc. Programme in Department was started in 2012

FACULTY MEMBERS OF THE DEPARTMENT

SUPPORTING STAFF OF THE DEPARTMENT (NON TEACHING)

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Mr. Ram Kumar</td>
<td>Account Clerk</td>
</tr>
<tr>
<td>2.</td>
<td>Mr. Umashanker</td>
<td>Laboratory Assistant</td>
</tr>
<tr>
<td>3.</td>
<td>Mohd. Ibrahim ansari</td>
<td>Typist clerk/Store Keeper</td>
</tr>
<tr>
<td>4.</td>
<td>Mr. Amarnath</td>
<td>Animal Attendant</td>
</tr>
<tr>
<td>5.</td>
<td>Mr. Ram Deen</td>
<td>Sweeper</td>
</tr>
</tbody>
</table>

LAUREL WON BY THE DEPARTMENT


- Received Best Poster Award on the research paper entitled “Sorghum Poisoning in buffaloes: Therapeutic management and Post mortem finding” in ANA Workshop-cum-Symposium on “Nutritional Challenges and Strategies for Sustainable Animal Production and Health in Eastern Plain Zone” held at C.V.Sc. & A.H., N.D. University of Agriculture & Technology, Kumarganj, Faizabad on 23rd January, 2016

INTERNATIONAL VISITS

- Dr. D. D. Singh visited Istanbul, Turkey to attend and present research paper in World Poultry Congress-2004 held at Istanbul, Turkey, June 8-13, 2004.
Infrastructure

A. Building

- Separate Building for Post Mortem Examination of large animal, small animal and poultry with carcase and other waste disposal facility
- Histopathology Laboratory-1
- Clinical Pathology Laboratory-1
- Tissue Processing Facility Laboratory-1
- Museum-1
- Post Graduate Research Laboratory-1
- Store Room-1
- Office of the Department-1
- Chambers for Assistant and Associate Professor-5
- Chamber of Head of Department-1

B. Instruments and other facilities: - Nearly all equipments and instruments required for undergraduate teaching as recommended by VCI are available in the department

Equipments

- Cryostat Microtome
- Rotary microtome, AO Spencer type with thin sectioning facility
- Paraffin floatation bath (temp. Contrl 55-65⁰ C)
- Paraffin bath/oven
- Dark field illumination with projecting units
- Phase contrast microscope
- Monocular and Binocular microscopes
- Over head Projector (OHP) LCD Projector with screen
- Digital Camera with PC for Microscopic Photography
- Refrigerator
- Deep Freeze
- Centrifuge
- Deep Freeze
- Hot air oven (Temp. 250°C)
- Microtome knife sharpener to and fro with side shifting arrangements (Automatic)
- Autopsy table for birds (S.S. top with drain
- Autopsy table for small animals
- Specimen cutting table
- Autopsy knives
- Post-Mortem sets (with chisels, saw rib cutter, shears, bone cutter, saw, sharpener, etc.)
- Bone cutting saw electric
- Carcase trolley/carcase van (fully covered)
- Platform balance (large and small)
- Monopan digital balance (for weighing organs)
ACTIVITIES OF THE DEPARTMENT

1. Teaching Activity
   ❖ Undergraduate and Postgraduate Teaching
   ❖ Study Material Prepared by Department

   A. Book(s)
   
<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
<th>Publisher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bovine Mastitis and Udder Affections</td>
<td>S.V. Singh, S. Jaiswal</td>
<td>I.B.D.C. Lucknow</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2004</td>
</tr>
<tr>
<td></td>
<td>D.D. Singh and H.N.Singh</td>
<td></td>
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</tbody>
</table>

   B. Laboratory Manuals Prepared

<table>
<thead>
<tr>
<th>Title</th>
<th>Course No.</th>
<th>Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Veterinary Pathology</td>
<td>VPP-211</td>
<td>D. Niyogi and D.D. Singh</td>
</tr>
<tr>
<td>Systemic Pathology</td>
<td>VPP- 221</td>
<td>D. Niyogi and D.D. Singh</td>
</tr>
<tr>
<td>Special Pathology- I</td>
<td>VPP- 311 (Old VCI)</td>
<td>D. Niyogi and D.D. Singh</td>
</tr>
<tr>
<td>Special Pathology- II</td>
<td>VPP- 321 (Old VCI)</td>
<td>D. Niyogi and D.D. Singh</td>
</tr>
<tr>
<td>Special Veterinary Pathology</td>
<td>VPP- 311 (New VCI)</td>
<td>D.D. Singh and D. Niyogi</td>
</tr>
<tr>
<td>Avian Pathology</td>
<td>VPP- 321 (New VCI)</td>
<td>D.D. Singh and D. Niyogi</td>
</tr>
</tbody>
</table>

   C. Posters and Charts: - About 50 posters and charts are prepared on various topics related to UG course which are displayed in the gallery of the Department

   D. Histopathological slides: - About 200 histopathological slides of different pathological conditions are available in the department

   E. Power point presentation: - Power point presentation on various topics of UG courses are prepared for UG students teaching.

Courses Offered in the Department:

Under-Graduate Courses (B. V. Sc. & A.H.)

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Title of the course</th>
<th>Course Number</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>General Veterinary Pathology (New VCI)</td>
<td>VPP- 211</td>
<td>1+1</td>
</tr>
<tr>
<td>2.</td>
<td>Systemic Pathology (New VCI)</td>
<td>VPP- 221</td>
<td>2+1</td>
</tr>
<tr>
<td>3.</td>
<td>Special Veterinary Pathology (New VCI)</td>
<td>VPP- 311</td>
<td>2+1</td>
</tr>
<tr>
<td>4.</td>
<td>Special Pathology- I (Old VCI)</td>
<td>VPP- 311</td>
<td>2+1</td>
</tr>
<tr>
<td>5.</td>
<td>Special Pathology- II (Old VCI)</td>
<td>VPP- 321</td>
<td>2+1</td>
</tr>
<tr>
<td>6.</td>
<td>Avian Pathology (New VCI)</td>
<td>VPP- 321</td>
<td>1+1</td>
</tr>
<tr>
<td>S.No.</td>
<td>Title of the course</td>
<td>Course No</td>
<td>Credit hours</td>
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<tr>
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</tr>
<tr>
<td>1.</td>
<td>General Pathology</td>
<td>VPP- 611</td>
<td>2+1=3</td>
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<tr>
<td>2.</td>
<td>Immunopathology</td>
<td>VPP- 612</td>
<td>2+1=3</td>
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<tr>
<td>3.</td>
<td>Animal Oncology</td>
<td>VPP-613</td>
<td>2+1=3</td>
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<tr>
<td>4.</td>
<td>Systemic and Special Pathology Part-I</td>
<td>VPP-614</td>
<td>2+1=3</td>
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<td>5.</td>
<td>Pathology of Swine diseases</td>
<td>VPP-616</td>
<td>1+1=2</td>
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<tr>
<td>6.</td>
<td>Systemic &amp; Special Pathology Part-II</td>
<td>VPP-621</td>
<td>2+1=3</td>
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<tr>
<td>7.</td>
<td>Systemic &amp; Special Pathology Part-III</td>
<td>VPP-622</td>
<td>2+1=3</td>
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<tr>
<td>8.</td>
<td>Clinical and Postmortem Pathology</td>
<td>VPP-623</td>
<td>1+2=3</td>
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<td>9.</td>
<td>Pathology of Poultry Diseases</td>
<td>VPP-624</td>
<td>2+1=3</td>
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<td>10.</td>
<td>Nutritional Diseases</td>
<td>VPP-625</td>
<td>2+1=3</td>
</tr>
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<td>11.</td>
<td>Pathology of Bovine diseases</td>
<td>VPP-626</td>
<td>2+1=3</td>
</tr>
<tr>
<td>12.</td>
<td>Special problem</td>
<td>VPP-690</td>
<td>0+2=2</td>
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<td>13.</td>
<td>Seminar</td>
<td>VPP-691</td>
<td>0+1=1</td>
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2. Research Activity

- Post Graduate Thesis Research
- **Thrust Area of Research**
  - Immunopathology
  - Toxicopathology
  - Immunomodulation
  - Biopsy
  - Diagnosis of Diseases prevailing in Eastern Uttar Pradesh
- **Research Project in the Department:** - “Evaluation of Homeopathic Medicines in Animal health management with special reference to Mastitis along with preliminary investigations on other concern diseases in the animals of Eastern Uttar Pradesh and their scientific validation” Funding Agency : - UPCAR (Dr D.D. Singh, Co-Principal Investigator)
3. Clinical Activities:
- Clinical Examination of Blood, Urine, Skin Scraping and Faecal samples for Disease Diagnosis of the cases brought to the Teaching Veterinary Clinical Complex (TVCC) and animals kept at Teaching Livestock and Poultry Farm (TLPF)
- Post Mortem Examination of Bovines, Equines, Caprine, Canine, Felines and Birds for Disease Diagnosis bought to the Teaching Veterinary Clinical Complex (TVCC) and animals kept at Teaching Livestock and Poultry Farm (TLPF)
- Histopathology of Tissue samples bought from State Government Veterinary Hospitals, Teaching Veterinary Clinical Complex, and Teaching Livestock and Poultry Farm (TLPF)

4. Extension Activities
- Extension activities during Kisan Melas organized by the University
- Training of Veterinary Officers (VOs) in workshops organized by University in collaboration with Department of Animal Husbandry, Government of Uttar Pradesh
- Training of Livestock Extension Officers (LEOs) in workshops organized by University in collaboration with Department of Animal Husbandry, Government of Uttar Pradesh
- TV Talks: - TV talks of Dr. D. D. Singh were recorded and broadcasted for the Anndata Programme of ETV Uttar Pradesh

PERSONNEL ACHIEVEMENTS OF THE FACULTY MEMBERS OF THE DEPARTMENT

A. MEMBERSHIP OF PROFESSIONAL SOCIETIES

Dr. D. Niyogi
- Registered in West Bengal Veterinary Council(Under Veterinary Council of India)
- Life Member, Indian Association of Veterinary Pathologists
- Life Member, West Bengal Veterinary Association
- Life member, Association of Public Health Veterinarians
- Life member, Indian Journal of Animal Health

Dr. D. D. Singh
- Registered Member of Veterinary Council of India (VCI)
- Life Member, Indian Association of Veterinary Pathologists
- Life Member, Society for Immunology and Immunopathology
- Life Member, Indian Association of Veterinary Public Health specialists
- Registered in Uttar Pradesh Veterinary Council
B. PARTICIPATION IN REFRESHER COURSE/ SUMMER INSTITUTE:

<table>
<thead>
<tr>
<th>Name of Faculty Member</th>
<th>S. No.</th>
<th>Title of the Course</th>
<th>Duration</th>
<th>Year</th>
<th>Name of Organization/ Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Debasish Niyogi</td>
<td>1.</td>
<td>Communication skills and Technical Writing</td>
<td>21 days</td>
<td>2005</td>
<td>Directorate of Human Resource Management, CCSHAU, Hisar</td>
</tr>
<tr>
<td>Assoc. Professor</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>2.</td>
<td>Current Methods in Veterinary Microbiology</td>
<td>21 days</td>
<td>2006</td>
<td>Department of Veterinary Microbiology, CCSHAU, Hisar</td>
</tr>
<tr>
<td></td>
<td>3.</td>
<td>Biosecurity in Animal Health Coupled with Infectious and Xenobiotic Residues and Mitigation</td>
<td>15 days</td>
<td>2011</td>
<td>West Bengal University of Animal &amp; Fishery Sciences, Kolkata</td>
</tr>
<tr>
<td>Dr. Desh Deepak Singh</td>
<td>1.</td>
<td>Methods of Virology in Disease Diagnosis</td>
<td>21 days</td>
<td>2006</td>
<td>Department of Veterinary Microbiology, Veterinary College, Hisar</td>
</tr>
<tr>
<td>Asstt. Professor</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>2.</td>
<td>Latest Trends in Disease Diagnosis with Special Reference to Animal Neoplasm</td>
<td>21 days</td>
<td>2007</td>
<td>Department of Veterinary Pathology, Madras Veterinary College, Chennai</td>
</tr>
<tr>
<td></td>
<td>3.</td>
<td>Cross Sectoral Disaster Risk reduction Strategies in Livestock Sector – An Orientation for Teachers of Veterinary Colleges</td>
<td>21 days</td>
<td>2012</td>
<td>Bihar Veterinary College, BAU, Patna</td>
</tr>
</tbody>
</table>
### Summary of Publications

<table>
<thead>
<tr>
<th>Publication Type</th>
<th>Count</th>
</tr>
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<tbody>
<tr>
<td>Research paper in international journals</td>
<td>02</td>
</tr>
<tr>
<td>Research paper in national journals (NAAS Accredited)</td>
<td>70</td>
</tr>
<tr>
<td>Review article in referred journals/Research paper in Univ. journal/Lead paper</td>
<td>14</td>
</tr>
<tr>
<td>Books/Manuals (published by publishers)</td>
<td>--</td>
</tr>
<tr>
<td>Manuals (Institute level)</td>
<td>06</td>
</tr>
<tr>
<td>Chapter in book</td>
<td></td>
</tr>
<tr>
<td>Popular articles in magazine/research paper in non referred journals</td>
<td>24</td>
</tr>
<tr>
<td>Abstracts Published in compendium</td>
<td>80</td>
</tr>
</tbody>
</table>

### A. Popular article/ Review article/ Lead Papers:


7- flag ,0 ds0] flag ts0 ih0] fu;kshx Mh0 ,oa oekZ Mh0 ,u0(2005 A i"kqvksa ds izeq[k ?kkrd jksxksa dk y[k,k ,oa cpko A iwokZUpy [ksrh] 15½3½% 51&53 A %ashuo ke pramukh ghatak rogo ka lakshan abom bachao. Poorvanchal Kheti, 15(3), p51-53)

8- flag ,0 ds0] feJk ,0 ,oa oekZ Mh0 ,u0.(2005 A cdjh ,oa HksM+ks ds egkekjh ih0 ih0 vkj0 A iwokZUpy [ksrh] 15½6½% 22&23 A (Singh A.K.; Niyogi D.; Mishra A. and Verma D.N.(2005): Bakrio abom bhedo ki mahamari "PPR". Poorvanchal Kheti,15(6), p22-23)


10- fu;kshx Mh0] flag ,0 ds0 ,oa flag Mh0 Mh0 ¼2005½A e`r i"kq ls mrdrks dk ,d+=.k ,oa ifj[k,k gsrq QjsfUld iz;kx"kkvksa dks izs"ku A Vªsfuax eSuqvy vkWu iz;kx"kyvkvs esa ifj[k,k gsrq ueqk dk ,d=.k ,oa isz"ku A i"B la0 30&33 A i"kq fpfdRlk ,oa i"kqkyu egkfo[ky]; u0 ns0 d`f[k ,oa izkS[ksfxd fo"ofo[ky]; ] dqekjxat) QStkckn A Niyogi D.; Singh A.K.and Singh D.D.(2005): Mrita pashu se ukato ka ekatran abom parikshan hetu forensic prayogshalyo ko preshan. Training manual on Prayogshalyayo me parikshan hetu namuno ka akotran abom preshan. p30-33 C.V.Sc&A.H., N.D.U.A.T.,Kumarganj, Faizabad.)

11- flag Mh0 Mh0] fu;kshx Mh0 ,oa flag ,0 ds0 ¼2005½A jDrks ds ueqkus dk ,od=.k ,oa ifj[k,k gsrq izs"ku A Vªsfuax eSuqvy vkWu iz;kx"kyvkvs esa ifj[k,k gsrq ueqk dk ,d=.k ,oa isz"ku A i"B la0 1&3A i"kq fpfdRlk ,oa i"kqkyu egkfo[ky]; u0 ns0 d`f[k ,oa izkS[ksfxd fo"ofo[ky]; ] dqekjxat] QStkckn A Niyogi D. and Singh A.K.(2005): Rakto ke namuno ka akatran abom parikshan hetu preshan. Training manual on Prayogshalyayo me parikshan hetu namuno ka akotran abom preshan. p1-3. C.V.Sc&A.H., N.D.U.A.T., Kumarganj, Faizabad.)

12- flag ,0 ds0] fu;kshx Mh0 ,oa flag Mh0 Mh0 ¼2005½A mrd fod’fr ifj[k,k gsrq ueqksa dk ,od=.k] laj[k,k ,oa izs"ku A Vªsfuax eSuqvy vkWu iz;kx"kyvkvs esa ifj[k,k gsrq ueqk dk ,d=.k ,oa izs"ku A i"B la0 42&45 A i"kq fpfdRlk ,oa i"kqkyu egkfo[ky]; u0 ns0 d`f[k ,oa izkS[ksfxd fo"ofo[ky]; ] dqekjxat] QStkckn A Niyogi D. and Singh A.K.(2005): Utak vikriti parikshan hetu namuno ka akatran , sanrakshan abom preshan. Training manual on Prayogshalyayo me parikshan hetu namuno ka akotran abom preshan. p42-45. C.V.Sc&A.H., N.D.U.A.T., Kumarganj, Faizabad.)

13- flag ,0 ds0] fu;kshx Mh0 ,oa flag Mh0 Mh0 ¼2005½A A mrd fod’fr ifj[k,k gsrq ueqksa dk ,od=.k] laj[k,k ,oa izs"ku A Vªsfuax eSuqvy vkWu iz;kx"kyvkvs esa ifj[k,k gsrq ueqk dk ,d=.k ,oa izs"ku A i"B la0 135&137 A i"kq fpfdRlk ,oa i"kqkyu egkfo[ky]; u0 ns0 d`f[k ,oa izkS[ksfxd fo"ofo[ky]; ] dqekjxat] QStkckn A Niyogi D. and Singh A.K.(2005): Pashu sav parikshan ki bidhiya abom bisarjan me ki janewali sabdhaniya. Training manual on Prayogshalyayo me parikshan hetu namuno ka akotran abom preshan. p135-137. C.V.Sc&A.H., N.D.U.A.T., Kumarganj, Faizabad.)

14- flag Mh0 Mh0] flag ,0 oh0] fu;kshx Mh0] ,oa oekZ Mh0 ,u0 ¼2006½A i"kq O;olk;vksa )kjk euq';ksa esa QSsysukosy jksx A iwokZUpy [ksrh] 15½4½% 18&19 A (Singh D.D.; Singh S.V.; Niyogi D.and Verma D.N.(2006): Pashu sav parikshan ki bidhiya abom bisarjan me ki janewali sabdhaniya. Training manual on Prayogshalyayo me parikshan hetu namuno ka akotran abom preshan. p25-27)

15- feJk ,0] oekZ Mh0 ,u0] fu;kshx Mh0 ,oa flag ,l0 ds0 ¼2006½ A Msjh QkeZ ij utokr cNM+s@cNM+h dh ns[kHkky dSl djsa A iwokZUpy [ksrh] 16½2&24 A mishra A.; Verma D.N.;


training programme on “Recent advances in improvement of health and management of livestock” held on 10-19 January, 2012 and organized by College of Veterinary Sciences & Animal Husbandry, N.D.U.A.T., Kumarganj, Faizabad. p. 34-39


B. Paper/Abstract published / presented in the Symposium/ Seminar and Conference:


of IAVA and National Symposium on “Recent Advances in Anatomical Concepts & Techniques for the Improvement of Livestock Production and Health” on December 21-23, 2006 held at Faculty of Veterinary Sciences and Animal Husbandry, Sher-e-Kasmir University of Agricultural Sciences & Technology, Jammu. P. 93


28. Jana, S., Mukhopadhyay S.K., Niyogi, D., Kumar, D. and Das, P.(2007). Epizootiological study on gout in broiler birds. Compendium on XXIV Annual Conference of IAVP and National Symposium on “Immunopathological and molecular approaches for disease diagnosis in live stock and poultry including wild animals” and Satellite Seminar on “Laboratory Animal Pathology”: Influence of nature and nature on pathology and research results” (1-3 October, 2007) held at Department of Veterinary Pathology, College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati (India). p. 75

29. Mitra, D., Mukhopadhyay S.K., Niyogi, D., Basak, D.K. and Kumar, D. (2007). Studies on incidence and pathological profile in peste des petits ruminants (PPR) of goats in Murshidabad district of West Bengal. Compendium on XXIV Annual Conference of IAVP and National Symposium on “Immunopathological and molecular approaches for disease diagnosis in live stock and poultry including wild animals” and Satellite Seminar on “Laboratory Animal Pathology”: Influence of nature and nature on pathology and research results” (1-3 October, 2007) held at Department of Veterinary Pathology, College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati (India). p. 75

30. Mukhopadhyay S.K., Dey, P. P., Niyogi, D., Nandi, P.R., Kumar, D., Samanta, A. and Ali, I. (2007). Study of incidence of diseases in meat type birds in and around Kolkata. Compendium on XXIV Annual Conference of IAVP and National Symposium on “Immunopathological and molecular approaches for disease diagnosis in live stock and poultry including wild animals” and Satellite Seminar on “Laboratory Animal Pathology”: Influence of nature and nature on pathology and research results” (1-3 October, 2007) held at Department of Veterinary Pathology, College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati (India). p. 76


63. **Niyogi, D.**, Mukhopadhyay, S. K., and Batabyal, S. (2012). Clinicopathological changes of Chronic arsenic induced toxicity in broiler birds. Souvenir and compendium of abstracts, XXIX annual conference of Indian Association of Veterinary Pathologists (IAVP) and National Symposium on Challenges in diagnostic Pathology in domestic, pet, wild and aquatic animals & National Seminar on emerging trends in diagnosis and control of poultry diseases Organized by
64. Mukhopadhyay, S. K., Ganguly, S., Jana, D., Niyogi, D., Hansda, R.N. and Goswami, J. (2012). Pathobiological effect of prebiotics. Souvenir and compendium of abstracts, XXIX annual conference of Indian Association of Veterinary Pathologists (IAVP) and National Symposium on Challenges in diagnostic Pathology in domestic, pet, wild and aquatic animals & National Seminar on emerging trends in diagnosis and control of poultry diseases Organized by Department of Veterinary Pathology, LLR University of Veterinary and Animal sciences, Hisar, Haryana on Nov. 5-7, 2012. Pp. 175


Seminar on “Pathology of Disease of Poultry, Avian Wild life and Pet Birds” from 21-23 November, 2013, held at College of Veterinary Sciences and A.H., Orissa University of Agriculture & Technology, Bhubaneswar-751003, Odisha, India. Pp. 341-342


77. Yadav, B.L., Niyogi, D., Tripathi, K.K., Yadav, B.S., Vaish, A. and Kumar, M. (2015). Ameliorative effect of vitamin e and selenium on clinicopathological changes of subacute toxicity of chlorpyrifos in broiler birds. Compendium : Veterinary Pathology Congress-2015, XXXII Annual Conference of Indian Association of Veterinary Pathologists, VI Annual Meeting of Indian College of Veterinary Pathologists and National Symposium on “Challenges and Advances in Disease Diagnosis of Livestock, Poultry and Fish: Redefining the Role of Veterinary Pathologists” held at NTR College of Veterinary Science, Sri Venkateswara Veterinary University, Gannavaram, Andhra Pradesh from December 3-5, 2015.P-321

78. Yadav, B.L., Niyogi, D., Tripathi, K.K., Joshi, R.K., Singh, G.K. and Yadav, B.S. (2015). Ameliorative effect of vitamin e and selenium on pathomorphological changes of subacute toxicity of chlorpyrifos in broiler birds. Compendium : Veterinary Pathology Congress-2015, XXXII Annual Conference of Indian Association of Veterinary Pathologists, VI Annual Meeting of Indian College of Veterinary Pathologists and National Symposium on “Challenges and Advances in Disease Diagnosis of Livestock, Poultry and Fish: Redefining the Role of Veterinary Pathologists” held at NTR College of Veterinary Science, Sri Venkateswara Veterinary University, Gannavaram, Andhra Pradesh from December 3-5, 2015.P-32


Summer/Winter school/ Seminar/Symposium/Workshop/Conference attended:

1. XX Annual Conference and National symposium on “Basic pathology and animal diseases—A need for fresh approach in Indian Scenario” (12-14 Nov. 2003) held at Department of Veterinary Pathology, C.V.Sc. & A.H., Jabalpur, M.P.


6. XXI Annual Conference of Indian Association of Veterinary Pathologists (IAVP) and National symposium on “Advances in Pathological Techniques in diagnosis of Animal, Bird and Fish Diseases” (23-25 Nov., 2004) held at Yuba Bharati Crirangan Auditorium, Salt Lake, West Bengal.


8. Training course on “Current Methods in Veterinary Microbiology” organized by ICAR Centre of Advanced Studies in Veterinary Microbiology, CCS Haryana Agricultural University, Hisar(Haryana) from Jan.17 to Feb.06, 2006

9. First Annual Conference of (STPI) and Seminar on “Current trends in Toxicologic pathology in India” and Continuing Professional Development (CPD) seminar held on 25-27 August, 2006 in Bangalore organized by Society for Toxicologic Pathology in India (STPI) in association with British Society of Toxicological Pathologists (BSTP).


12. “Training on Handling the Bird Flu Operation” held on 31th January, 2007 at West Bengal Veterinary Council Seminar Hall, 37, K. B. Sarani, Kolkata-700037 organised by Faculty of Veterinary and Animal Sciences, WBUAFS, 37 & 68 K. B. Sarani, Kolkata-700037


14. XXIV Annual Conference of IAVP and National Symposium on “Immunopathological and molecular approaches for disease diagnosis in livestock and poultry including wild animals” and Satellite Seminar on “Laboratory Animal Pathology: Influence of nature and nature on pathology and research results” (1-3 October, 2007) held at Department of Veterinary Pathology, College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati (India).

15. XXXVIII Re-Union of Present and Past Students of Bengal Veterinary College, Bidhan Chandra Krishi Viswavidyalaya & West Bengal University of Animal & Fishery Sciences, Kolkata held on 10-11 January, 2008.

16. 8th Indian Veterinary Congress & XV Annual conference of IAAVR and National Symposium on “Public private partnership (PPP) in Veterinary Research and Education Sector” on 22nd - 24th February, 2008; organized by Faculty of Veterinary and Animal Sciences, West Bengal University of Animal & Fishery Sciences, Belgachia, Kolkata - 700037, West Bengal, India; and Indian Association for the Advancement of Veterinary Research (IAAVR).

17. Silver Jubilee Annual Conference of IAVP & International Symposium on “Quality Assurance in Pathology and Disease Diagnosis” & Satellite Seminar on Descriptive Gross and Microscopic Veterinary Pathology in Necropsy, Biopsy and Certification Examination organized by CADRAD, IVRI, Izatnagar 243 122, Bareilly (UP), India from 10-12 November, 2008.

18. XXXIX Re-Union of Present and Past Students of Bengal Veterinary College, Bidhan Chandra Krishi Viswavidyalaya & West Bengal University of Animal & Fishery Sciences, Kolkata held on 10-11 January, 2009.


20. National Seminar on “Reforms in Higher Education : Meeting the Challenges” held on February 12, 2010 at Vidyasagar University, Midnapore, Paschim Medinipur, West Bengal, India organized by University District Committee, WBCUTA.

21. University District Committee (WBCUTA) Biennial Conference, 2010 held on February 13, 2010 at Vidyasagar University, Midnapore, Paschim Medinipur, West Bengal, India.

23. National Training Programme on “Biosecurity in Animal Health Coupled with Infectious and Xenobiotic Residues and Mitigation” Sponsored by NAIP (ICAR), New Delhi and organized by Veterinary Pharmacology and Toxicology and Veterinary Medicine, Ethics & Jurisprudence, West Bengal University of Animal & Fishery Sciences, Kolkata held on 1st December-15th December, 2011.

24. XLII Veterinary Re-Union of Present and Past Students of Bengal Veterinary College, Bidhan Chandra Krishi Viswavidyalaya & West Bengal University of Animal & Fishery Sciences, Kolkata held on 10-11 January, 2012.

25. National symposium on “Veterinary & Medical Sciences in Health, Environment and Food Security ” Organised by Scientific Sub-Committee, 42nd Re-Union of Students of Bengal Veterinary College, Faculty of Veterinary and Animal Sciences, Bidhan Chandra Krishi Viswavidyalaya & West Bengal University of Animal & Fishery Sciences, Kolkata held on 10-11 January, 2012.


27. Participated, presented research paper and acted as Rapporteur in Veterinary Pathology Congress-2013, 30th Annual conference of IAVP and National Symposium on “Advances and Applications of Diagnostic Pathology for Disease Management in Livestock, Poultry, Pet, Fish, Laboratory Animal and Wild life” and C.L. Davis Satellite Seminar on “Pathology of Disease of Poultry, Avian Wild life and Pet Birds” from 21-23 November, 2013, held at College of Veterinary Sciences and A.H., Orissa University of Agriculture & Technology, Bhubaneswar-751003, Odisha, India.


30. Participated, presented a lead paper, a Poster and acted as Rapporteur in Veterinary Pathology Congress-2015, XXXII Annual Conference of Indian Association of Veterinary Pathologists, VI Annual Meeting of Indian College of Veterinary Pathologists and National Symposium on “Challenges and Advances in Disease Diagnosis of Livestock, Poultry and Fish: Redefining the Role of Veterinary
Pathologists” held at NTR College of Veterinary Science, Sri Venkateswara Veterinary University, Gannavaram, Andhra Pradesh from December 3-5, 2015.