

DEPARTMENT OF VETERINARY PARASITOLOGY



**ACHARYA NARENDRA DEVA
UNIVERSITY OF AGRICULTURE AND
TECHNOLOGY
KUMARGANJ, AYODHYA- 224229 (U.P.)**

ABOUT THE DEPARTMENT

- The department of Veterinary Parasitology came into existence in the year 2000.
- Since inception, the department has been actively involved in imparting quality teaching, research and extension activities in the field of Veterinary Parasitology catering to the people of Uttar Pradesh particularly its Eastern part.



OBJECTIVE

- To provide innovative education of Veterinary Parasitology
- To undertake research on parasitic diseases for effective control.
- To disseminate the latest technologies to all the stakeholders for better parasitic diseases control through hands on trainings.
- To create awareness regarding parasitic diseases through pamphlets, books, electronics and print media.



VISION

To contribute to increase animal productivity for poverty reduction and secure livelihoods through sustainable parasitic diseases management.

MISSION

To pursue and maintain a leadership role in the quality research, capacity building, consultancy and innovative outreach services in Veterinary Parasitology.

FACULTY POSITION

	NAME OF FACULTY	DESIGNATION
	Dr. Amit Singh	Professor
	Dr. V. K. Pal	Assistant professor

STRENGTHS OF THE DEPARTMENT

- **Learned faculty**

- **Teaching :**

- A. Degree Programme

- a. Undergraduate

- b. Post Graduate

- c. Ph.D. Programme

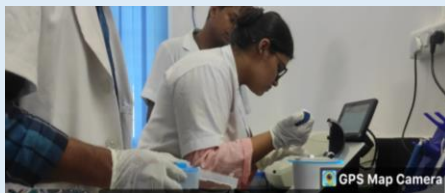
- B. Well equipped UG labs

- **Research :**

- A. Well equipped research labs

- B. Research Projects

- **Extension :** Knowledge dissemination to all stakeholders.



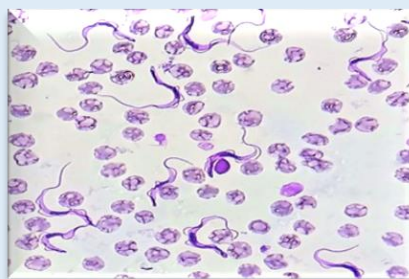
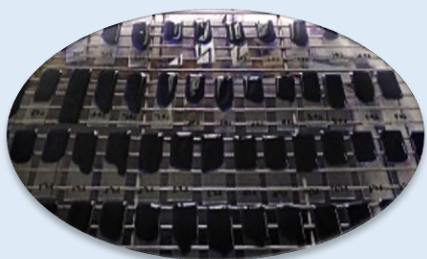
COURSES TAUGHT IN THE DEPARTMENT (U.G.)

Course No.	Title	Credits
VPA-211	Gen. Veterinary Parasitology & helminthology	3+1=4
VPA-221	Veterinary Entomology & Acarology	1+1=2
VPA-222	Veterinary Protozoology	2+1=3
VPA	Veterinary Parasitology (Unit I to V)	3+2

COURSES TAUGHT IN THE DEPARTMENT (M.V.Sc.)

S. No.	Course No.	Title	Credits
1.	VPA-501	Platyhelminthes – I	1+1
2.	VPA-502	Platyhelminthes – II	1+1
3.	VPA-503	Nemathelminthes & Acanthocephala	2+1
4.	VPA-504	Arthropod parasites	2+1
5.	VPA-505	Parasitic protozoa	2+1
6.	VPA-506	Diagnostic parasitology	0+2
7.	VPA-507	Clinical Parasitology	1+1
8.	VPA-508	Management of parasitic diseases	1+1
9.	VPA-509	Immunoparasitology	2+1
10.	VPA-510	Parasitic zoonoses	2+0
11.	VPA-511	Parasites of wildlife	1+1

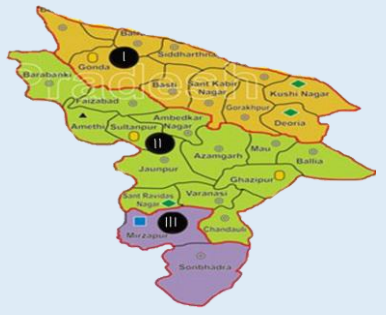




COURSES TAUGHT IN THE DEPARTMENT (Ph.D.)

S. No.	Course No.	Title	Credits
1.	VPA-601	Advances in Helminthology-I	2+1
2.	VPA-602	Advances in Helminthology-II	2+1
3.	VPA-603	Advances in Entomology & Acarology	2+1
4.	VPA-604	Advances in Protozoology	2+1
5.	VPA-605	Immunology of parasitic diseases	1+2
6.	VPA-606	Molecular diagnostic & vaccine development in parasitology	2+1
7.	VPA-607	Host parasite interactions	2+0
8.	VPA-608	<i>Invitro</i> cultivation of parasites	1+2
9.	VPA-609	Emerging and re-emerging parasitic diseases	2+0
10.	VPA-610	Biology and ecology of parasites	3+0
11.	VPA-611	Molecular veterinary parasitology	2+0
12.	VPA-612	Parasite epidemiology	2+0

OVERALL PREVALENCE-
T. evansi- 18.89 %
T. equi – 48.85 %
T. annulata- 26.78%



PROJECTS

S. No.	Title of Project	Funding Agencies
1.	Strengthening of parasitological laboratory with advance diagnostic facilities for the detection of parasitic diseases	RKVV (92.77 Lakhs)
2.	Detection of status of acaricide resistance, their mitigation with ethnobotanicals and managerial practices for control of ticks and ticks borne diseases in Eastern Uttar Pradesh.	UPCAR (23.98 Lakhs)

EXTENSION ACTIVITIES



परजीवी नियंत्रण से बढ़ सकता है दुग्ध उत्पादन

कृषि विधि

कुमारगंज, संभरगढ़गढ़। आचार्य नरेंद्रदेव कृषि एवं प्रौद्योगिक विद्यापीठका कृषि विद्यापीठ के पशु चिकित्सा महाविद्यालय में जीवशास्त्र को परजीवी रोगों के निदान और नियंत्रण में हाइजेन प्रणाली विषय पर दो दिवसीय राज्य स्तरीय प्रशिक्षण कार्यक्रम का शुभारंभ हुआ।

पशु चिकित्सकों के लिए अधिष्ठाता कायदेनम का अद्यतन परजीवी विज्ञान विभाग ने आयोजित किया गया। कार्यक्रम में प्रशिक्षण के 25 चिकित्सकों ने किया।

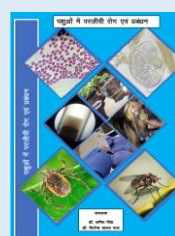
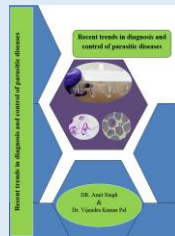
मुख्य अतिथि कुम्हारिण डा. विजो सिंग ने कहा कि परजीवी पर नियंत्रण करके दुग्ध उत्पादन की क्षमता को बढ़ाया जा सकता है और पर्याप्त आरोग्यी आर्य को उत्पन्न कर सकते हैं।

कुम्हारिण ने बताया कि कार्यक्रम को संयोजित करने कुम्हारिण डा. विजो सिंग। उन्होंने कहा कि पशुओं की रक्षा जोच के लिए उपकरण महामात्रालय के लेब पशुओं को किसी भी प्रकार की बीमारी या कृषि वाले खेतों से बचाया जा सकता है। पशुओं को बीमारी से बचाव के लिए सभी समय पर उपचार जानकी है। प्रमुख वैज्ञानिक डा. रमल शर्मा ने बताया कि

सकत कृषि (सीवर पशुका) गाय, बैल, भेड़ चकरियों में होता है। इस बीमारी में पशुओं में भूख लगना कम हो जाता है। पशुओं में बलवहन-रक्त से थोड़ा थोड़ा लगता है। इसके उपचार के लिए आरोग्यीकरणनामाह 10 से 15 मिग्रा, प्रति किग्रा वाले पशुओं को दिया जाता है।

PUBLICATIONS

PUBLICATION AND BOOK	NUMBER
Research articles	59
Book chapters	23
Technical/ popular article	21
Book	03



AWARDS AND RECOGNITION OF FACULTY

Best Oral Presentation

Best Poster Presentation

Young Scientist Award

Best PhD Thesis Award



STUDENTS ACHIEVEMENTS & PLACEMENTS

Awards in oral/poster presentation in conferences	03
Students placement in Government sector	04
Students placement in Private sector	01

FUTURE PLAN

- Transforming Department of Parasitology into Centre of excellence and referral and training centre for parasitic disease diagnosis
- Preparing E-lecture module and MOOC Classes
- Development of herbal anthelmintic and herbal acaricides
- Developing diagnostic kits for parasitic diseases
- Effective transfer of information to all stakeholders through conduct of training programmes.