

D.N. College, Meerut

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ALONGWITH YOUR PERIODIC INCREMENT CERTIFICATE (PIC) 2013-2014**

Name	Dr. Savita Rani	
Designation	Associate Professor	
Department	ZOOLOGY	
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Education

Subject	Institution	Year	Details
Ph.D.	C.C.S.University, Meerut	1998	Immunoparasitology
P.G., (M. Phil)	C.C.S.University, Meerut	1992	1 st Div.
M.Sc.	Agra Univ.	1991	Ist Div (Entomology)

Career Profile

Organization/Institution	Designation	Duration	Role
D.N. (P.G.) College, Meerut	Associate Professor	21Years	Teaching and Research

Research Interests/ Specialization			
Immuno-parasitology	Parasitology, Immunology		
Teaching Experience (Subject/Courses Taught)			
U.G.-(17yrs.)	Cell biology, Embryology	Biochemistry etc.	
P.G. (17yrs.)	Developmental Biology, Biochemistry, Advance cell Biology		
Honor's & Awards			
Research Supervision	Awarded	Submitted	Working
Ph.D.	05		
Projects	02		

Project completed –

1.Major project from UGC (2009 -2012)

Immunization against experimental ascaridiasis induced by sensitized lymphoid cells.

2.Minor project form UGC (2002 -2003)

immunosuppression studies induced by anthelmintic treatment in experimental acaridiasis.

Detailed of Published Research Papers

S. N.	Title	Name of Co-authors	Name of Journal	Refereed / Indexed / ISSN No. / ISBN
1.	Bursal growth in WLH chicks with experimental Ascariasis	Dr. S.S. Lal	Rivista de parasitologia	ISSN-0035-6387
2.	Biochemical changes in serum of albino rat during experimental trichuriasis	Dr. Dinesh Kumar	Published in biosphere in 1997	
3.	Scanning electron microscopic observation on sheep nodular worm oesophagostomum columbianum.	Dr. Dinesh Kumar	Published in biomedical and cellular archives in 2003	ISSN-0972-5075
4.	In vitro variation of glycogen content in sheep nodular worm and whip worm of sheep.	Mona Sharma	Published in Uttar Pradesh Journal of Zoology, Vol. 24.11, 151-1537, 2004	ISSN NO 0256-971X

5.	Histopathological Changes in the Intestine of albino rats induced by experimental infection of ' <i>trichuris ovis</i> '	Juhie Aggarwal	Published in biochem & Cell. Arch. 2006.	ISSN NO 0256-971X
6.	Immunohaematological alternations with acute cadmium toxicity in white leg horn chicks	Juhie Aggarwal	Published in J.Exp. Zool. India. Vol. 12 No. 1. pp. 163-165, 2009.	ISSN: 0972-0030
7.	Endemicity of Ascariasis in Children of Meerut Region	Mss. Reena	Published in J.Exp. Zool. India, Vol, No. 1, pp. 71-74, 2009.	ISSN NO 0972-0030
8.	In vivo analysis of mast cell during hypersensitivity reaction in experimental ascariasis.	Juhie Aggarwal	Published in Wesleyan Journal of Research Vol. 14 No. 1. 2011.	ISSN NO 0975-1386
9.	Immuno-histopathological changes in the bursa of fabricious during hyper sensitivity reaction induced by experimental Ascariidiasis in WLH Chicks	Juhie Aggarwal	Published in proceeding of National Congress of Para Si to Logy 2011	ISSN: 2319-2399
10.	Management of Root Knot Nematode (<i>Meloidogyne Incognita</i>) using Neem (<i>Azadiractha Indica</i>)	Mrs. Resha	Published in International Organization of Scientific	Vol., issue-3 (2015), pp. 38-44.

11.	Biochemical Studies Against Ascaridiasis Induced by Sensitized Bursal Cells	Mrs. Mamta	Published in International Conference on Recent Innovations in Science, YMCA, NEW DELHI,.	ISBN: 978-81-931039-4-4,(2015),
12.	Morphological Study for Identification of Plant Parasitic Nematodes in Sugarcane	Mrs. Resha	Published in Voyager a Journal of Scientific Life Science	ISSN 0976-7436
13.	Hyper Sensitivity Reaction (IV) : Cell Mediated Immunity Induced by Helminth Allergen of Gastrointestinal Nematode(<i>Ascaridia Galli</i>) in Gallus Domesticus)	Juhie Aggarwal	International Journal of Science Research 2016 Vol 5, Issue 2	ISSN 2319-7064
14.	Ex-Vivo Analysis of B-lymphocyte in bursa fabricious during passive immunization (<i>A. Galli</i>) with the sensitized bursal cells in WLH chicks	Juhie Aggarwal	International Journal of creative Research Thought 2018	ISSN NO. 2320--2882
15.	Population dynamics and Identification of <i>Helicotylenchus</i> sp, and <i>Hoplolaimus</i> sp, in <i>Sacharrum Officinarrum</i> .	Mrs. Resha	Published in IJSR Internationals Journals of Science and Research (IJSR) 2016	ISSN: 2319-
16.	Hazard of Plastic and its substitute Bioplastic		Published in Valley International Journal of Medical Science and Clinical Invention in (2016)	ISSN No. 2349-2031.

17.	Histopathological Changes in Liver of Albino-rat induced by experimental infection of <i>A. lumbicoides</i>	Juhie Aggarwal Mrs. Resha	Published in International Journal of Science & Research(2016)	ISSN No 2319-7064
18.	Effect of soil temperature and moisture on population dynamics of phytonematodes infesting sugarcane	Mrs. Resha	Published in environment conservation journal (2018)	ISSN- 0972-3099
19.	Diversity of dominant plant parasitic nematode of sugar cane in Meerut region	Dr Resha	Published in edited book IAAST 2019	

III (B)

List of Books

S.N.	Title of Book	Name of Co-authors	National / International	ISBN No. / ISSN No
1.	Poultry disease		National	978-93-5124-769-2
2.	Animal Physiology		National	978-93-5124-770-8

III (C)

Project (Minor / Major)

S.N.	Name of Project	Funding Agency	Amount	P.I./Co- P.I.	Period	Completed / Ongoing
1	Major	UGC	4 Lacs	Dr. Savita	Three yrs.	Completed
2	Minor	UGC	50,000	Dr. Savita	One yrs.	Completed

III (D)

i) Research Guidance for C.C.S. University, Meerut

S.N.	Name of Candidate	Degree	Year	Submitted / Awarded	Ongoing
1	Mrs. Mona Sharma	Ph.D.	2009	Awarded	NIL
2	Mrs. Juhie Aggarwal	Ph.D.	2012	Awarded	NIL
3.	Mss. Reena Rani	Ph.D.	2013	Awarded	NIL
4.	Mss. Mamta	Ph.D.	2014	Awarded	NIL
5.	Mss. Resha	Ph.D.	2017	Awarded	NIL

III (E)

ii)
) **Refresher Courses**

S.N.	Year	Title	Sponsored	Duration	Organized by
1.	2003	Orientation programme	UGC'-ASC	12 th Dec. 2002 to 9 th Jan. 2003	Jamia Milia Islamia
2.	2005-2006	“critical Appraisal and Training on Recent Advances in Life Sciences	UGC'-ASC	20 th Dec., 2005 to 9 th Jan., 2006	CPDHE in Delhi University
3	2007	Refresher course in environmental studies	UGC -ASC	Feb 15 to March8,2007	CPDHE (Delhi University)

One week Faculty Development Programme (workshops)

1	National Workshop on Applied Nematology	C C S University Meerut	Nov- 23- 29, 2009	One week
2	Recent Advances in Nematology	CCS . UNIVERSITY	March 25-31,2014	One week
3	Immunity and Infection Biochemical approaches to therapies. Online workshop	Devangre University	June 15-21 ,2020	One week
4	Science Leadership Workshop	University of Punjab	June 22 -28, 2020	One week

Papers presented in the Conference / Seminar / Workshop

S.N.	Title of the paper presented	Title of the conference / Seminar	Date of events	National / International	Organized by
1.	Humoral immune	Second Global meet	18-22	National	Hyderabad

	responses in experimental Ascariasis	on Parasitic Diseases	August, 1997		
2.	Immunopathological Changes in the Intestine of albino rats induced by fenbendazole along with experimental infection of <i>'trichuris ovis'</i>	Global meet on parasitic disease	1998		NewDelhi
3.	Immunopathological changes in albino rat induced by experimental infection of sheep whip worm				FIMSA, in Australia
4.	Bursal growth in WLH chicks with experimental Ascariasis	Eleventh National Symposium on development Biology	March, 1995	National	Maharishi Dayanand University, Rohtak, dept. of Bio-science
5.	Biochemical changes in serum of albino rat during experimental infection <i>Trichuris ovis</i>	National Symposium on Rural Environment	19-21 March, 1993	National	S.G. (P.G.) College, Sarurpur Khurd Meerut
6.	Changing social structure micro and macro parasitic infection and health of man and his animals during 50 yrs. of freedom	XXX Indian Social Science Congress	3 Jan. 1997 National		ISCA Chapter Calcutta
7.	Immunopathological	Indian Social Science	3-7 Jan,		I.A.R.I. New Delhi

	changes in kidney and liver at albino rat in experimental infection induced by <i>T. ovis</i>	Congress 88 session	2001		
8.	Immunopathological changes in kidney and liver at albino rat in experimental infection induced by <i>T. ovis</i> along with anthelmintic treatment.	XI Annual conference of IAAVR and symposia on Newer concepts and challenges in Animal Health and Production in wake of WTO.	2004	National	Indian Veterinary Research Institute, Izzatnagar
8.	Scanning electron microscopic observation on sheep nodular worm <i>oesophagostomum columbianum</i>	Proceeding of the 91 st session of the Indian Social Science Congress	2004		Chandigarh, 2004
9.	Histopathological Changes in the Intestine of albino rats infected with ' <i>trichuris ovis</i> ' along with anthelminthic treatment.	National Symposium on COASER-2005	19-21, Feb. 2005	National	Dept. of Zoology CH. Charan Singh, University, Meerut
10.	Hematological modulations in white leg horn chicks experimentally infected with <i>Ascaridia galli</i> .	National symposium on COASER -2005	2005		
11.	Changes In T- and B- cells	Communicated to	2006		

	of chicks challenged with different doses of infection in experimental Ascariasis.	ISCA chapter			
12.			March 20-21, 2007		Uttaranchal college of science and technology
13.		Biomarkers of environmental problem	26-28 October 2007		C.C.S. University. Meerut
14.		Recent Advances In Fishery Science Education, Research & Training	20-22 Dec. 2007	National	Deptt. of zoology, D.A.V. College, Muzzaffarnagar.
15.	Dominant plant parasitic nematodes Associated with sugarcane in western U.P.	National Seminar on “the role of biology in bringing second green revolution”	October 2015		Saharanpur
16.	Study of plant parasitic infesting sugarcane in Meerut”.	National Symposium on “the role of classical zoology in present day scenario”	December 2015	National	R.G.(P.G.) College, Meerut
17.	Morphological Study For Identification of Plant-Parasitic Nematodes in Sugarcane”.		28&30, September 2015.		Haridwar(ISCA Chapter)
18	Prevalence and Frequency of Plant-Parasitic Nematodes in Sardhana	National Symposium on “Environmental Toxicology”	25&26, March, 2016	National	Dept. of zoology, C.C.S.University Campus, Meerut

	Associated with sugarcane.				
19	Histopathological and hematological changes in albino rat induced by experimental infection of <i>A. lumbricoides</i>	National Symposium on “Environmental Toxicology	25&26, March, 2016	National	Dept. of zoology, C.C.S.University Campus, Meerut
20	Understanding Academic Integrity and Practices to Avoid Plagiarism	National workshop	20 sept 2019		D.N.College , Meerut
21	Webinar	“Environmental and Human Interaction Effects in post COVID19 Era”	08 -09 th June, 2020		Dept. of zoology, M.M.H. College, Ghaziabad
22	National Webinar Series	“Immunity and Infection : Biochemical approaches to therapies”	15 th -21 st June 2020 June 07,2020		Dept. of Biochemistry, Davangere University
23.	Webinar	“Digital Learning In and Beyond COVID-19”	29 th June 2020		Dept. of Botany Raghunath Girls’ (P.G.) College, Meerut
24	Webinar	“Role of teachers during COVID-19 Pandemic”			Dept. of Zoology Paliwal PG college,Shikohabad

25					Dept. of Higher Education
26					
27	Conference	“Interdisciplinary Research for Sustainable Development :Innovation and Opportunities”	14 th to 16 th February,2020		Dept. of Zoology D.N. College, Meerut
28	Webinar	DBT’s Response to COVID -19	July 03,2020		Dept. of Zoology VIVEK COLLEGE OF EDUCATION, BIJNOR
29	Conference	Emerging Infections and Zoonotic Diseases	May 17-18, 2020		Dept. of English D.N.College, Meerut
30	Webinar	COVID -19 and It’s Biology: Cure, Precautions and Future	June 30, 2020		Dept. of Zoology
	Workshop	Understanding Academic Integrity and Practices to Avoid Plagiarism	20 Sept,2019		
	Certificate	Real Time PCR based Gene Expression and Pathogen Detection	6 July 2020-8 July 2020		

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Attended in the Conference/Seminar / Workshop

S.N.	Title of the conference / Seminar	Date of events	National / International	Organized by
1.	National Symposium on Rural Environment	March 1993		S.G. College, Sarurpur
2.	National Symposium on Developmental Biology	March 1995		Maharishi Dayanand, University, Rohtak
3.	Indian Science Congress 88th Session	2001		New Delhi
4.	Humoral Immune Responses in Experimental Ascariasis	18-22 August 1997		Hyderabad
5.	National Conference "Newer Concepts and Challenges in Animal Health and Production"		2004	IVRI Izatnagar
6.	Symposium on "Newer Concepts and Challenges in Animal Health and Production"		February 2004	IVRI Izatnagar
7.	National Colloquium on "Wildlife Conservation and Animal Welfare Issues in India"		22 October 2005	Meerut College, Meerut
8.	National Conference "Recent Advances in Fishery Science Education Research and Training (RAFSERT 2007)"		2007	D.A.V. College, Muzzaffarnagar

9	National Workshop on "Emerging Trends on the Advancement of Science and Technology in Harnessing the Potential of Microorganisms"	March 2007	Uttaranchal College of Science and Technology,
10.	National Symposium on "Biomarkers of Environmental Problems"	October 2007	C.C.S. University, Meerut
11.	National Conference on "Recent Advances in Life Sciences	February 2008	Meerut College, Meerut
12	Seminar Cum Workshop on "Bioresource Conservation and Utilization"	March 2009	C.C.S. University, Meerut
13	National Workshop on Applied Nematology	November 2009	C.C.S. University, Meerut
14	Seminar on Thrust Areas in Fish Biotech and Fish Conservation	2009	Meerut College, Meerut
15	National Symposium on Animal Biodiversity : Physiological Aspects of Environmental Strategies	February 2010	M.M.H.College, Ghaziabad
16	National Seminar on "Recent Advancement in Life Sciences: Potential Benefits and Risks"	February 2011	D.N. College, Meerut
17	National Seminar on "New Innovations in Parasitological Research	March 2011	D. A. V. College, Dehradun
18	Northern Regional Science Congress	November 2012	New Delhi
19	National Seminar on "the role of biology in bringing second green revolution"	October 2015	Saharanpur, Meerut
20	National Symposium on "the role of classical zoology in present day scenario"	December 2015	Meerut
21	National Conference on "Science & Technology for Indigenous Development in India"	September 2015	Haridwar (ISCA Chapter)

22	National workshop on “Advanced Training in Biotechnology and Microbiology”	April 2015	MIET, Meerut
23	National Symposium on “Environmental Toxicology”	March 2016	C.C.S.University Campus, Meerut

Public Service / university service/ consulting activity

- Subject experts in selection committee
- Examiner(theory and practical exams) UG \$ PG Classes
- Paper setters
- Extension programs for public awareness
- Observer in B.Ed. Exams

Professional societies Memberships

- Life members of Indian science congress
- Life members of Indian society of parasitology