



**Faculty Name:** Dr. Sangita Pal **Work Address:** P.O. Box 519; MS 1060  
**Office :** 430X **Phone:** 9362613167 **Address:** Prairie View, TX 77446  
**Email Address:** sapal@pvamu.edu

<b>Education:</b>	<b>Degree and Area of Study</b>	<b>Institution Name</b>	<b>Degree Date</b>
	Ph.D. / Microbiology	Indian Council of Medical Research/ NICED/ Dept. of Biochemistry/ India	Jan 1998
	MS/ Ecology/ Environmental Science	University of Kalyani, India	Dec 1993
	MS / Botany	University of Calcutta, India	1990
	Post-Graduate Diploma in Bioinformatics	University of Manchester, UK.	2010
<b>Teaching Exp</b>	<b>Institution Name</b>	<b>Position Title</b>	<b>Position Dates</b>
	Prairie View A&M University	Faculty	2019-
	Texas A & M University, College Station, TX	Instructor	2014-2015
	Blinn College	Faculty	2014 Fall
	Lone Star College	Adjunct Faculty	2008- 2020
	Baylor College of Medicine, Human Genome Sequencing Center, Houston, Texas	Faculty/Research Associate/ Mentor/ Graduate Students	2001-2004
	University of Texas Health Science Center, TX	Post-doctoral Fellow/Mentor/ Graduate Student	2000-2001
	Indian Council of Medical Research, NICED.	Senior Research Fellow/ Mentor Graduate Students	1995-1998
	University of Calcutta / RMC and MJC	Lecturer	1996-97

**Published papers in Molecular Biology, Medical Microbiology and genome research (Selected)**

- 1, Book Chapter/ Bacterial Artificial Chromosomes: Volume 1: Sangita Pal\*.. G.M. Weinstock. "Preparation .. In vivo packaging"; Published in Methods in Molecular Biology Volume #: 255 Chapter 3, 57-68.
  2. R Seshadri,..Sangita Pal\*..et al. "Comparison of the genome .. spirochete"; PNAS.2004; 101: 5646-5651.
  3. Sangita Pal\*, S Mak and G.M. Weinstock. "Preparation... libraries... packaging"; Published in Methods in Molecular Biology Volume #: 255 Chapter 3, 57-68.
  4. K.J.Pederson, **Sangita Pal\***, ..J.T.Barbieri. 1999. "Intracellular..... n eukaryotic cells"; Molecular Microbiology, Vol 37(2), 287-299.
- Published papers in Medical Microbiology, Biochemistry and Immunology research (Selected)**
5. *Sangita Pal\*et al.1999; "Comparative analysis, .... Vibrio ...0139"; FEMS Microbiology letters, Vol. 179,401-407*
  6. *Sangita Pal\*et al.1999 "Use of PCR to identify Enteroaggregative ...., India"; Journal of Medical Microbiology.48, p1-6.*
  7. *Sangita Pal\* et al 1998 (Aug) "Use of monoclonal antibodies ...Vibrio cholerae 0139"; Infection & Immunity. 66(8), p 3974-77.*
  8. *Sangita Pal\*et al.1997." Purification and characterization .. phospholipase ...."; FEMS Microbiology Letters.147/1,115-120.*
  9. *Sangita Pal\*et al. 1996 (Sep)."Electrophoretic mobility ...."; FEMS Immunology and Medical Microbiology. 15, double issue 2-3,143-148.*
  10. *Sangita Pal\*, et al 1996." Adhesion of Vibrio cholerae 0139 to isolated rabbit intestinal epithelial cells in vitro"; Indian Journal of Medical Research. 24, 735-737.*
  11. *Sangita Pal\*, et al 1995 (May)"Haemagglutinating .... of Vibrio cholerae 0139"; Indian Journal of Medical Research. 101,175-178.*

**Published papers in Environmental Biology research**

12. Sangita Pal\* et al; "Enzyme .. pollution... oxidase"; Science & Culture. P45-46.
13. M.S. dissertation on Environmental Biology 1993. - Use of Spirulina to control environmental waste.

**Published / Attended / Invited lectures - 20 + International / National conferences / workshops**

**Awards:**

- +Awarded twice by National Institute of Health (NIH), USA for post-doctoral position.
- + Obtained Young Scientist Award in the 4th international symposium on "Biochemical roles of eukaryotic cell surface macromolecules" 1996
- +Selected and worked for World Health Organization collaborating research project (Full time) and awarded ICMR (Indian Council of Medical Research) fellowship for Ph. D (1993 -1997)
- + Post-doctoral research associate ship awarded by NIH, USA [2001Nov-Feb 2004]
- + Post-doctoral fellowship awarded by NIH, USA [Feb 2000-October2001]
- + Awarded by Phi theta kappa honors society, for supporting academic excellence in Texas/ fall 2011 and 2010
- + Received nomination for teaching excellence award in fall 2012, fall 2013, fall 2014, fall 2016 and fall 2019 at Lone Star College.
- + Obtained National Merit Scholarship. India (1982-1986)