



**PRAIRIE VIEW  
A&M UNIVERSITY**

# Curriculum Vitae

<b>Faculty Name:</b>	<b>Shield Lin</b>	<b>Work Address:</b>	P.O. Box 519; MS 2500 Prairie View, TX 77446
<b>Position Title:</b>	Professor in Mechanical Engineering & Associate Dean, College of Engineering		
<b>Office Location:</b>	Room 341, S.R. Collins Building		
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<b>Education:</b>	<b>Degree and Area of Study</b>	<b>Institution Name</b>	<b>Degree Date</b>
	Ph.D. in Mechanical Engineering	Texas A&M University, College Sta	1986
	M.S. in Mechanical Engineering	Texas A&M University, Kingsville	1981
	B.S. in Mechanical Engineering	Chung-Hsing University, Taiwan	1975
<b>Teaching Experience</b>	<b>Position Title</b>	<b>Institution Name</b>	<b>Position Dates (Beginning and End)</b>
	Professor	Prairie View A&M University	1996- Present
	Associate Professor	Prairie View A&M University	1991-1996
	Assistant Professor	Prairie View A&M University	1986-1991
	Teaching/Research Assistant	Texas A&M University	1982-1986
<b>Professional Publications:</b>	- S. Lin and K. Harris, "Industry Sponsored Project by L-3 Communications in Software Simulation for Space Operations," International Forum - Problems, Perspective, and Innovation Approaches, St. Petersburg, Russia, June 1-5, 2015.		
	- S. Lin, "Using Prezi in Modeling and Simulation for Engineering Systems Class," American Society for Engineering Education, GSW Conference, El Paso, Texas, April 4-6, 2012.		
	- S. Lin and S. Wang, "Robust Control Design for Two-Link Nonlinear Robotic System" a chapter in the book "Advances in Robot Manipulators", ISBN 978-953-307-070-4, INTECH, Vienna, Austria, published April 2010.		
	- S.B. Lin and S. Wang, "Robust Control with Pole Clustering for Uncertain Robotic Systems," Journal of Control and Intelligent Systems, Vol. 28, No. 2, paper number 201-1087, pp72-79, 2000.		
<b>Additional Trainings/Skills:</b>	Industrial Experience: Design Engineer for polymer mixing machines – 1 year, Production Engineer in a tire manufacturer – 1 year, Analyst for 3M overhead projectors – 8 months, Evaluation/Validation for General Motors fuel tank – 3 months.		
	Multi-physics software Simulation using ANSYS Workbench Finite Element Program in static structure, mechanical vibration, heat transfer, fluid flow, and failure analysis.		
	Matlab Software Training for Modeling and Simulation and using Matlab in solving engineering problems.		
	Training on TRICK Computer Simulation program co-developed by L-3 Communications Inc. and John Space Center, NASA.		
	Active Learning Training and implementing active learning strategies in teaching engineering courses.		