



P.A.SASTRY

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Education:

	Degree	University	Period
1	B.E.(Mechanical) with Distinction	Osmania University, Hyderabad	1967-73
2	M.E. (Design) with Distinction	I.I.Sc, Bangalore	1973-75
3	Ph.D	Monash University, Melbourne, Australia	1981-85
4	Post-doc Fellow	University of Saskatchewan, Saskatoon, Canada.	1985-86

Experience – Academic

(at M.V.S.R.Engg.College, Hyderabad)

S.No	Position	Period
1	Reader, Mechanical Engg	1987- '93
2	Professor, Mechanical Engg.	1993- 2000
3	Principal	2000 - '04
4	Dean (Academics)	2004 - '06
5	Principal	2006 -'11
6	Director (Academics)	2011- '12
7	Principal	2013 -'15
8	Professor, Mechanical Engg.	2015– to data

Experience – Industry

	Organisation	Position	Period	Nature of Work
1	DRDL, Hyderabad	Senior Sc. Officer –II	1975 - '76	Process Planning (Workshops)
2	Fluid systems, Hyderabad	Design Engineer	1977-'78	Design and development of process flow control valves; machining fixtures
3	Ingersoll Rand (I) Ltd., Bangalore	Development Engineer	1978-'79	Design and Development of Blast-hole Drill rigs – Structural & Hydraulic circuits
4	Taurus Engg., Hyderabad	Executive – Engineering	1985-86	Design and development of mechanical loaders, lifters, machining jigs

Publications:

Journal :

1. "Controller design for a multichannel electrohydraulic system", *ASME Transactions, Journal of Dynamic Systems, Measurement and Control*, Vol.III, No.2, June 1989.
Co- Authors: M.Palaniswamy, P. Dransfield, and J.H. Anderson
2. "Design of an electrohydraulic positioning system using a novel Model Reference Scheme", *ASME Transactions, Journal of Dynamic Systems, Measurement and Control*, Vol III, No.2, June 1989.
Co-Authors: N.Hori, P.R.Ukrainetz and P.N.Nikiforuk
3. "Position and feed rate control of contouring numerical control systems", *IEEE Transactions on Industrial Electronics and Control Instrumentation*, Vol. IECI-26, N0.2, 1979. Co-Author: R. Hariharan.

Conference :

1. "Continuous path control of a robot Arm", *ICAMM 2016 Conference, Hyderabad*, Dec.8-10, 2016, jointly organized by DRDO & Mech. Engg Dept., OUCE.
2. "Simulation of digital flow control valve operated position control system", *Proc. of the Summer Simulations Conf., Montreal, Canada, July 1987*.
Co-Authors: P.R.Ukrainetz and P.N.Nikiforuk
3. "Control of Interaction in multichannel Electrohydraulic drives", *Intl. Conf. on Fluid Power Transmissions and Control*, Sept. 1985, Hangzhou, China.
Co-Author: P. Dransfield.
4. "Computer aided controller design for multichannel electrohydraulic system", *Conf. on Computers and Engineering*, Inst. of Engineers, Australia, Sydney, '83.
Co-Authors: M.Palaniswamy, J.H. Anderson, P. Dransfield.
5. "Speed control of DC motors by pulses from digital systems", *Seminar on Automatic Control, Inst. of Engineers, India*, Calcutta, March 1977.
Co-author: R. Hariharan.

Patent: Indian Patent (with J.Rama Rao)- 250-Ton Mobile Cotton Baling Press, 1992.

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