

1. Name : **Dr. G. PADMANABHAN**
2. Designation : Professor of Mechanical Engineering,
S.V.University College of Engineering
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4. Date of Birth : 01-08-1956

5. Academic Credentials

Exams. passed	Board / University	Field of Specialization	Year
B.Tech.	Sri Venkateswara University, Tirupati	Mechanical Engineering	1979
M.Tech.	Sri Venkateswara University, Tirupati	Industrial Engineering	1982
Ph. D	Indian Institute of Technology, New Delhi	Inventory Systems	1990

6. Experience : Total: **32 Years (as Professor 16 Years)**

Organization	Designation	Period
N.B.K.R.I.S.T.	Lecturer	Feb,1982 to August,1982
S.V.University	Lecturer	08.01.1983 to 07.01.1989
S.V.University	Senior Lecturer	08.01.1989 to 07.11.1989
S.V.University	Reader(Associate Professor)	08.11.1989 to 26.07.1998
S.V.University	Professor	27.07.1998 to till date

7. Area of Specialization : Industrial Engineering
8. Number of Publications in referred Journals : 30 (List Appended)
Number of Presentations : 21 (List Appended)
9. Number of PhD Thesis Supervising : 08 (List Appended)
Number of M. Tech dissertations guided : 50
10. No. of Conferences/Seminars/Workshops Organized : 08 (List Appended)
No. of Conferences/Seminars/Workshops Attended : 10 (List Appended)
11. No. of Consultancy projects completed : 01(List Appended)

12. Memberships held / holding of Academic Bodies of Other Universities

1. BOS Member, Mechanical Engineering, J.N.T.U. College of Engineering, Anantapur
2. BOS Member(PG), Production Engineering, Annamalai University
3. BOS Member, Marine Engineering, Andhra University College of Engineering, Visakhapatnam
4. BOS Member, Industrial and Production Engineering, GITAM University, Visakhapatnam
5. Doctoral Committee Member, National Institute of technology, Trichy
6. Doctoral Committee Member, Vellore Institute of Technology
7. Doctoral Committee Member, Satyabhama Institute of Science and Technology
8. Expert Committee Member, AICTE
9. BOS Member, Mechanical Engineering, Sree Vidyanikethan Engineering College (Autonomous), Tirupati
10. BOS Member, Mechanical Engineering, R. V. R. & J. C. College of (Autonomous), Guntur.

13. Membership of Professional Bodies

Sl.No.	Organization	Membership Number
1.	Indian Society For Technical Education	LM8291
2.	Computer Society of India	019254
3.	Indian Society of Mechanical Engineers	L340
4.	The Institute of Engineers	M122159-5
5.	Operational Research Society of India	0235/G/94/MSL

14. Administrative Positions Held

Name	Position	Period
SVUCE	P.G. Course Convener	01.04.1992 to 30.10.1992
SVUCE Hostels	Deputy Warden	September,1993 to August,1997
Mechanical Engg. Lab	Officer Incharge	07.08.1996 to 30.08.2001
SVUCE	Additional Chief Superintendent of Exams	14.10.99 to 15.01.2001
SVUCE	Chief Superintendent of Exams	16.01.2001 to 04.07.2002
SVUCE	F.D.H. Course Coordinator	1996-97 to 2000-01
SVUCE	F.D.H. Course Convener	July,2002 to 2005
SVU MBA/MCA (Admissions)	Coordinator	2000,2001,2002
SVUCE	Head, Mechanical Engineering Department	May,2006 to May,2008 June 2010 to till date
BOS(UG)	Member	28.08.1998 to 21.07.2001
BOS(PG)	Member	07.12.2001 to 06.12.2004
BOS(UG)	Chairman	23.08.2003 to 06.12.2004
BOS(UG)	Chairman	02.03.2005 to 22.08.2006
BOS(UG)	Chairman	03.05.2008 to April 2011
Sri Venkateswara Univeristy Academic Senate	Member	2009-2012

Date:

(G. PADMANABHAN)

Appendix

A) List of Papers Published in International Journals

Sl. No.	Title of the Article	Name of the Journal	Year	Vol. No.
1.	Parametric optimization in electrochemical machining using utility based Taguchi method	Journal of Engineering Science & Technology	2015	Accepted
2.	Fabrication and tribological properties of Al-Si/B4C metal matrix composites	International Journal of Surface Engineering and Interdisciplinary Material Sciences	2015	Accepted
3.	Optimizing the temperature of cold outlet air of counter flow vortex tube using response surface methodology	Elixir Mechanical Engineering	2014	Vol. 68 pp. 22248-22252
4.	Optimization of machining parameters in ECM of Al/B4C composites using genetic algorithms	International Journal of Mechanical Engineering & Robotics Research	2014	Vol. 3 No. 3 Pp. 32-38
5.	Optimization of Machining Parameters in ECM of Al/B4C Composites Using Taguchi Method	International Journal of Applied Science and Engineering	2014	Vol.12 No. 2 pp. 87-97
6.	Optimization of multiple-machining criteria in electrochemical machining of aluminum composites using design of experiments	Journal of Scientific & Industrial Research	2014	Vol. 73 pp. 251-257
7.	Linear Modeling of the Electrochemical Machining Process Using Full Factorial Design of Experiments	Journal of Advanced Mechanical Engineering	2013	Vol.1 pp. 13-23
8.	Modeling of Radial Over Cut in Electrochemical Machining of Al-B4C MMC Using Response Surface Methodology	Journal of Manufacturing Science and Production	2013	Vol.13 No. (1-2) pp. 31 – 36
9.	Optimization of Machining Parameters in ECM of Al/B4C Composites	Journal of Manufacturing Science and Production	2013	Vol. 13 No. 3 pp. 145-153
10.	Multi-Response Optimization of Electrochemical Machining of Al-Si/B4C Composites Using RSM	International Journal of Manufacturing, Materials, and Mechanical Engineering	2013	Vol. 3 No.3 pp. 42-56
11.	Effect of process variables on metal removal rate in electrochemical machining of Al-B4C composites	Archives of Applied Science Research	2012	Vol. 4 No. 4 pp. 1844-1849
12.	Fabrication and mechanical properties of aluminium-boron carbide composites	International Journal of Materials and Biomaterials Applications	2012	Vol. 2 No. 3 pp. 15-18
13.	Application of Taguchi methods and ANOVA in optimization of process parameters for metal removal rate in electrochemical machining of Al/5%SiC composites	International Journal of Engineering Research and Applications	2012	Vol. 2 No. 3 pp. 192-197
14.	Evolution of Microstructures and Mechanical Properties in Dissimilar Friction Welding of	International Journal of Materials	2012	Vol. 7 No. 2

	AA2014 and AA6082	Engineering and Technology		pp. 127-138
15.	Effect of aging on mechanical properties of Dissimilar Friction Welded aluminium alloy joints	International Journal of Applied Engineering Research	2011	Vol. 6 No. 20 pp. 2357-2366
16.	Optimisation Of Electrochemical Machining Process Using Evolutionary Algorithms	Journal of Machine and Forming Technologies	2011	Vol.1 No. 3/4
17.	Application of Soft computing for the Prediction of Warpage of Plastic Injection Molded Parts	Journal of Engineering Science and Technology Review	2009	Vol. 2 pp 56-62
18.	Surface Roughness Prediction Techniques for CNC Turning	Asian Journal of Scientific Research	2008	Vol. 1(3) pp 256-264
19.	EOQ models for perishable items under stock dependent consumption rate	European Journal of Operations Research	1995	Vol. 86 pp 281-292
20.	Inventory model with a mixture of back orders and lost sales	An International Journal of Systems and Science	1990	Vol. 21(8) pp 1721-1726
21.	An EOQ model for items with stock dependent consumption rate and Exponential decay	Engineering Cost and Production Economics	1990	Vol. 18 pp 241-246
22.	Analysis of multi-item Inventory system under reference constraints Non Linear Goal Programming Approach	ENCOST	1990	Vol. 20 pp 121-127
23.	An Inventory model under Inflation for Stock Dependent consumption rate items	Engineering Cost and Production Economics	1989	Vol. 15
24.	An Inventory model with Exponential Decay under known Price Increase	An International Journal of Management Systems	1988	Vol. 4(1) pp 27-33

B) List of Papers Published in National Journals

Sl. No.	Title of the Article	Name of the Journal	Year	Vol. No.
1.	Comparison of the Surface Roughness Prediction Using Multiple Regression and Artificial Neural Network Model	Industrial Engineering	2015	Accepted for Publication
2.	Multi-response Optimization of Electrochemical Machining of Al-B4C Composites Using Grey Relational Analysis	The IUP Journal of Mechanical Engineering,	2012	Vol. 5 No.2
3.	An Evaluation Strategic Criteria in Economic Justification of Facilities Location in Design of Supply Chain	FOCUS	2005	pp 31-40
4.	Inventory models for perishable items under stock dependent consumption rate	IAPQR Transactions	1994	19 No. 1
5.	An EOQ model for perishable items under inflationary environment	IIIE	1989	18(5) pp 1-7
6.	Inventory models for Stock Dependent Selling rate	Udyoga Pragathi	1987	XI(4) pp 9-13

C) List of Papers Presented in International Conferences/Seminars

Sl. No.	Name of the Conference	Title of the Article	Year
1.	ICAIEA 2014- Anna University, Chennai.	Optimizing the cooling effect of counter flow vortex tube using Taguchi method	2014
2.	2009 World Congress on Nature & Biologically Inspired Computing (NaBIC 2009)	Fuzzy Logic-Based Forward Modeling of Electro Chemical Machining Process	2009
3.	Team Tech 2008- International Conference and Exhibition on Total Engineering Analysis and Manufacturing Technologies	Application of Soft Computing for the Prediction of Shrinkage and Warpage of Plastic Injection Molded Parts	2008
4.	Proceedings of All India Seminar / Conference on Emerging Trends in Mechatronics & Instrumentation	Optimal selection of process plans and scheduling using Genetic algorithm and simulated annealing approach	2007
5.	International Conference on Recent Developments in Statistics and their Applications	Algorithm for Reliability Optimization of Series-Parallel System Using the Concept of Majorization	2005
6.	Proceedings MCDM Conference	Analysis of Multi Item Inventory System under Reference Constraints – A Non Linear Goal Programming Approach	1989
7.	Proceedings XXX Annual Convention of IIIE	An Inventory Model under Inflation and Quantity Discounts for Stock Dependent Consumption Rate	1988
8.	Proceedings of V International Symposium on Inventories	An Inventory model under Inflation for Stock Dependent consumption rate items	1988

D) List of Papers Presented in National Conferences/Seminars

Sl.No.	Name of the Conference	Title of the Article	Year
1.	NCRTIME'12, SAVEETHA SCHOOL OF ENGINEERING, CHENNAI-602105	Effect of percentage of reinforcement on MRR and ROC for Al/B4C composites in Electrochemical Machining: A Practical Approach	2012
2.	National welding seminar, VSP, Visakapattanam	Effect of aging on microstructure and mechanical properties of Dissimilar aluminium alloys of Friction Welds	2010
3.	2 nd AP Science Congress, SV University, Tirupati	Effect of friction pressure on the properties of Friction Welded aluminium alloys	2009
4.	Techon'08 – Major Trends in Mechanical Engineering	Application of Fuzzy Logic Controller for Modelling the Injection Molding Process	2008
5.	Recent Trends in Mechatronics and Instrumentation	Optimization of Surface Roughness Prediction Model Using Genetic Algorithm	2007
6.	National Conference on Advances in Materials and Manufacturing Process	Lean Manufacturing Through Value Stream Mapping	2007
7.	National Conference on Advances in Materials and Manufacturing Process	Design of Tool and Fixture for Friction Stir Welding	2007
8.	National Conference on Advances in Mechanical Engineering	The Critical Dimensions of Total Quality Management in Service Organizations	2004
9.	National Conference on Advances in Mechanical Engineering	Mc Kinsey approach: A Case Study at KSRTC	2004

10.	National Seminar on Global Competitiveness of Indian Industries	Customer Satisfaction- A Mantra for Profitability in the Transport Sector- A case study at KSRTC	2004
11.	33 rd ISTE Annual Convention	The need of Total Quality Management in Technical Institutions	2003
12.	Proceedings of National Conference on Industrial Engineering towards 21 st Century	Technology Management in RDBMS frame work	1998
13.	XXI Annual ORSI Convention	Inventory models for perishable items under stock dependent consumption rate	1988

E) List of PhD Thesis Supervising:

S.No.	Name of the Student	Title	Year awarded
1.	V. Davy George	Supply Chain Management	ongoing
2.	M. Raja ram	Performance Evaluation	ongoing
3.	G. Suresh Kumar	Optimization studies using Taguchi method	ongoing
4.	K. Vara Prasada Rao	Some studies on Dissimilar Friction Welded aluminium alloys AA2014 and AA6082	2014
5.	S. Rama Rao	Studies on Electrochemical Machining of Al/B4C composites	Thesis submitted
6.	G. Vijaya Naidu	Transportation Network	ongoing
7.	P. Seshu Reddy	Industrial Engineering	ongoing
8.	B. Venkateswarulu	Order Processing in Tool Manufacturing Companies	ongoing

F) Conferences/Seminars/Workshops Organized

Sl.No.	Year	Name of the Seminar	Position
1.	August,2011	A National Level Technical Symposium, M'Explore 2K11	Chairman
2.	March,2007	A National Level Technical Symposium, M'Explore 07	Convenor
3.	March,2007	Curriculum Development Programme	Organizing Committee Member
4.	June,2007	All India Seminar/conference on Emerging Trends in Mechatronics and Instrumentation	Chairman
5.	August,2004	All India Seminar/conference on Advances in Mechanical Engineering	Treasurer
6.	July,2000	ISTE Winter School on Quality and Reliability Engineering	Coordinator
7.	December,1998	XXXII ORSI Annual Convention	Treasurer
8.	February,1998	National Conference on Industrial Engineering Towards 21 st Century	Treasurer

G) Conferences/Seminars/Workshops Attended

Sl.No.	Year	Name of the Seminar	Place
1.	February,2007	National Conference on Business Optimization Research Work	NITIE, Mumbai
2.	February,2005	National Conference on Recent Advances in Material Processing Technology	NEC, Tamil Nadu
3.	September,2005	MECON'05, A National Conference of Mechanical Engineering Students	Andhra University, Visakhapatnam
4.	January,2004	National Conference on Modelling and Analysis of Production Systems	NIT, Trichy
5.	November,1999	National Conference on Industry Institution Interactions	Andhra University, Vizag
6.	March,1998	Fuzzy Technique Applications in Manufacturing Engineering	Andhra University, Vizag
7.	November,1998	National Seminar on Excellence Through Quality	MIT Campus, Anna University, Chennai
8.	April,1992	National Seminar on the role of University Teachers in Contemporary Society	S.V.University, Tirupati
9.	December,1989	XXI Annual ORSI Convention	Thrivandrum
10.	April,1989	XXX Annual Convention of IIIE	BHPV, Vizag

H) Consultancy Projects

Title of the Project	Agency	Amount	Status
Study on Shawl Embroidery Crewl Embroidery, Paper Machine And Wood Carving Crafts Of Kashmir	J&K Industrial and Technical Consultancy Organisation Ltd., Jammu	---	Completed in October,1989 (while pursuing PhD)