

**PROFESSOR
COMPUTER SCIENCE & ENGINEERING**

Present

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Visakhapatnam - 530 003, INDIA
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EDUCATION

- **B.E.** in Electronics and Communications Engineering, Andhra University, India, July 1974.
- **M.E.** in Instrumentation and Control Systems, S.V. University, India, October 1977.
Thesis: 4-Digi Digital Voltmeter.
- **Ph.D.** in Computer Science and Systems Engineering, Andhra University, India, July 1990.
Dissertation: A Functional Approach to Test Generation and Fault Localization of Microprocessors using Instruction Petri Nets.

EMPLOYMENT

- 1977-1978 **Research Assistant**, Computers Group, Naval Science and Technological Laboratory, India
- 1979-1986 **Assistant Professor**, Department of Computer Science and Systems Engineering, Andhra University, India.
- 1987-1997 **Associate Professor**, Department of Computer Science and Systems Engineering, Andhra University, India.
- 1998-present **Professor**, Department of Computer Science and Systems Engineering, Andhra University, India.

AWARDS/HONORS

- Best Researcher Award from Andhra University, India (1998)
- Member of Visiting Staff under Academic Link Exchange Scheme sponsored by British Council-UK and University Grants Commission-India, 1993.

RESEARCH**Research Interests**

Safety-Critical Computing- Software Safety, Computer Networks, VLSI and Embedded Systems, Real-Time Systems, Microprocessor-based System Design, Robot Hand-Eye Coordination, Signal Processing algorithms on fixed-point DSP processors, Bio-Electronics Systems

Grants Awarded - Sponsored Research

Principal Investigator, "Miniaturized Acoustic Signal Processing System" Naval Science and Technological Laboratory, Visakhapatnam, India, April 2004 – June 2006

Principal Investigator, "Design and Development of Robot Hand-Eye Coordination" Department of Science & Technology, New Delhi, India, Dec. 2001 – Feb. 2004

Principal Investigator, "Active Noise Control System for a Duct", Naval Science and Technological Laboratory, Visakhapatnam, India, Nov. 2001 – Feb. 2003

Principal Investigator, "Design & Development of Four Fingered Robotic Hand", Department of Science & Technology, New Delhi, India, May 1997 – August 2000

Co-Investigator, "PC-based Process Control lab. Development", All India Council For Technical Education, New Delhi, India, Apr. 1994 – Mar. 1996

PUBLICATIONS

Journal Papers:8, International Conference papers:20,National Conference Papers: 23

2009

Ben Swarup.M and Seetha Ramaiah. P (2009), "An Approach to Modeling Software Safety in Safety-Critical Systems", Journal of Computer Science, Science publications-USA, Vol 5, No.4., **April 2009**, pp.311-322, ISSN 1549-3636 (www.scipub.org/scipub/c4p.php?j_id=jcs)

M.Ben Swarup and P. Seetharamaiah (2009), "A Metrics-based Approach for Evaluating Software Safety in Critical Systems", Proceedings of the National Conference on Information Sciences, NCIS-2009, Manipal University, Manipal, India, **24th April 2009**, pp. 54 (www.manipal.edu/mcis) **(WON the BEST PAPER AWARD)**

Ben Swarup M. and Seetha Ramaiah P.(2009), " A Framework for Software Safety in Safety-Critical Systems" ACM's SIGSOFT- Software Engineering Notes, Volume 34, Number 2, **March 2009**, pp.35-36. (<http://doi.acm.org/10.1145/1507195.1507207>) DOI: 10.1145/1507195.1507207

S.Phanikumar, P.Seetharamaiah, and V.Khanna,(2009) " Designing Software Safety based Elevator Control System", Proceedings of the IEEE IACC 2009, IEEE International Advanced Computing Conference, Patial, INDIA, **March 6-7, 2009**, pp. 2365-2370.

2008

M.Ben Swarup and P. Seetharamaiah (2008), Towards identifying Software Safety metrics for Critical Systems", Proceedings of the National Conference on Software Engineering, NCSOFT 2008 Cochin University of Science and technology, Cochin, INDIA, **Dec. 4-5, 2008**,

S.Phanikumar, P.Seetharamaiah, V.Khanna, and S. Amarnath Babu,(2008) " Software Safety Process, for Building Safety Critical Computing Systems", Proceedings of the National Conference on Software Engineering, NCSOFT 2008 Cochin University of Science and technology, Cochin, INDIA, **Dec. 4-5, 2008**

Raja Kumar. K.and Seetha Ramaiah. P,(2008) "Microcontroller based receiver stimulator for auditory prosthesis", Procd. of IEEE TENCON 2008 on Innovative Technologies for Societal Transformation, University of Hyderabad, Hyderabad, India,

Nov.18-21,2008, DOI:10.1109/TENCON.2008.4766627,
<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=4766627&isnumber=4766377>

Kumar. K.R, and Ramaiah. P.S.,(2008) “Programmable Digital Speech Processor for Auditory Prostheses”, Procd. of IEEE TENCON 2008 on Innovative Technologies for Societal Transformation, University of Hyderabad, Hyderabad, India, **Nov.18-21,2008**, DOI: 10.1109/TENCON.2008.4766469,
<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=4766469&isnumber=4766377>

Ben Swarup M. and Seetha Ramaiah P.(2008), “ A Framework for Software Safety in Safety-Critical Systems” Procd. of the Seventh SoMeT_08, 7th International Conference on New trends in Software methodology Tools, and Techniques(SoMeT_08), American University in Sharjah, UAE, **October 14-17, 2008**, pp. 361- 376.
www.aus.edu/conferences/somet08/Conference_program.php) ISBN: 978-1-58603-916-5, ISSN: 0922-6389

M.Ben Swarup and P. Seetharamaiah (2008), “ Towards A Methodology for Building Safe Software-based Systems”, Procd. of the CONQUEST 2008, 11th International Conference on Quality Engineering in Software Technology, **September 24-26, 2008**, Potsdam, GERMANY, pp. 33-51, www.isqi.org, ISBN:978-3-389864-567-6,

M. Ben Swarup and P. Seetha Ramaiah (2008), “ An Approach to Modeling Software Safety” Procd. of the IEEE 9th ACIS International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing SNPDP 2008, **August 6-8, 2008**, Phuket, THAILAND, pp. 800-806.(
www.acisinternational.org) ISBN:978-0-7695-3263-9

M. Ben Swarup and P. Seetha Ramaiah (2008), “ Conceptual Modeling for Safety Critical Computer Systems” Procd. of the IEEE 9th ACIS International Conference on Software Engineering, Artificial Intelligence, Networking, and parallel/Distributed Computing SNPDP 2008, **August 6-8, 2008**, Phuket, THAILAND, pp. 814-819.(
www.acisinternational.org) ISBN:978-0-7695-3263-9

Ben Swarup M. and Seetha Ramaiah P.(2008), “ Modeling Software Safety for Safety-Critical Systems” Procd. of the 2008 international Conference on Software Engineering Research and Practice (SERP 2008), WORLDCOMP' 08, Las Vegas, Nevada, USA, **July 14-17, 2008**, Vol. 1, pp. 531-540.(www.World-academy-of-science.org) ISBN:1-60132-086-8, 1-60132-087-6, 1-60132-088-4

2007

P. Seetha Ramaiah and Ben Swarup Medikonda (2007), “Towards a Simplified Software Safety Methodology for Safety Critical Embedded Systems”, Proceedings of [National Conference](#) on Information Technology – Present Practices and Challenges, August 31 – September 1, 2007, Asia-Pacific Institute of Management, New Delhi, INDIA pp. 312-316. (**WON the BEST PAPER AWARD**)

P. Seetha Ramaiah and Ben Swarup Medikonda (2007), “Software Safety-based Road Traffic Control System(RTCS)” Proceedings of the [National Conference](#) on Software Engineering – NCSOFT – ‘07, April 26-27, 2007, Dept. of Computer Science, Cochin University of Science and Technology, Cochin-22, INDIA, pp. 193-198.

2006

K. Raja Kumar and P. Seetha Ramaiah (2006), "DSP and Microcontroller based Speech Processor for Auditory Prosthesis", Proceedings of the 14th [International Conference](#) on Advanced Computing and Communication, ADCOM-2006, Advanced Computing and Communications Society - Bangalore and National Institute of Technology Karnataka – Surathkal, INDIA, December 20-23, 2006, pp.518-522.

P. Seetha Ramaiah and K. Nageswara Rao (2006), "A Model Based Approach to Robot Hand Eye Coordination", [The Journal of Computer Science](#) – Coimbatore, INDIA, Vol.1, May-June 2006, pp. 43-46

P. Seetha Ramaiah and K. Raja Kumar (2006), "Development of Speech Processor for Auditory Prosthesis", Proceedings of the Sonata [International Conference](#) on Computer, Communication and control, 3C-2006, R V College of Engineering, Bangalore, INDIA, November – 23-25, 2006, pp. 35-38

2004

P.S. Ramaiah and K. Sandhya (2004) "Speech Processor for Implantable Cochlear Stimulator", Proceedings of the [International Conference](#) on Bio-Medical Electronics and telecommunications- BET-04, Center for Bio-Medical Engineering, Dept. of ECE, Andhra University, Visakhapatnam, INDIA, Dec. 9-10,2004, pp. 279-283

P.S. Ramaiah, K.N. Rao and G. Venkatesh (2004), "A New Approach to Robot Hand-Eye Coordination", Proceedings of the [National Conference](#) on Advanced Manufacturing and Robotics, CMERI-Durgapur, INDIA, January10-11, 2004, pp. 168-173

2002

P.S. Ramaiah and K.N. Rao (2002), "A Model Based Approach to Robot Hand-Eye Coordination System", MS 2002, Proceedings of the IASTED [International Conference](#) on Modeling and Simulation, Marina Del Rey, California, USA,May 13-15, 2002, pp. 254 – 258

2001

P.Seetharamaiah and K. Nageswara Rao (2001), "Dexterous Robot Hand with Stereo vision for Offshore Operations", Procd. of 38th Annual [National Convention](#) on Natural Hazards and Disastrous Management, Indian Geophysical Union(IGU 2001)-Hyderabad and National Institute of Oceanography- Visakhapatnam, INDIA December 18-20, 2001, pp. 55

2000

K.Nageswara Rao and P.S. Ramaiah (2000), "PC-Based Multi-Fingered Robotic Hand" Proceedings of the [International Conference](#) on Knowledge Based Computer Systems, KBCS-2000, National Center for Software Technology, Mumbai, INDIA, Dec. 18-20, 2000, pp. 494-504

P.S.Ramaiah (2000), "A Flexible Three Fingered Robotic Hand", Procd. of the [National Workshop](#) on Trends in Ocean Sciences – 21st Century, National Institute of Oceanography, Visakhapatnam, INDIA, Sept. 25-26, 2000, pp. 59

Anu Gokhale, P.S.Ramaiah, and K.Nageswara Rao (2000), "PC Controlled Four-Fingered Robotic Hand", Procd. of the 16th [International Conference](#) on CAD/CAM,Robotics and Factories of the Future 2000(CARS & FOF 2000), Advanced Manufacturing and Engineering Centre, Faculty of Engineering, The University of The West Indies, Trinidad, WEST INDIES, June 26 - 28, 2000, pp. 183-191

1999

P.S. Ramaiah, B. Satyanarayana, and D.R.P. Raju (1999), "A Flexible Grasper Robotic Hand", IASTED [International Conference](#) on Modeling and Simulation, MS'99, Philadelphia, U S A, May 5-8, 1999, pp. 67-71

1998

P.S. Ramaiah, D.R. Prasada Raju, and B. Satyanarayana (1998), "A Flexible Three-Fingered Robotic Hand", 18th AIMTDR (All India Manufacturing Technology, Design and Research) [National Conference](#), I.I.T., Kharagpur, INDIA, December 10-12, 1998, pp. 507-512.

Ramaiah P.S., Prasada Raju D.R., and Satyanarayana B (1998), "A Flexible 3-Fingered Robotic Hand System", 14th International Conference on CAD/CAM Robotics & Factories of the Future, CAR & FOF '98, PSG College of Technology, Coimbatore, India, December 1-3, 1998, pp.347-354.

1997

P.S. Ramaiah (1997) "A Flexible Easily Controllable Robot Arm and Four Fingered Robotic Hand", [CHINA-INDIA Seminar](#) on Advanced Manufactured Technology & Automation at Jiao Tong University, Shanghai, CHINA, The 5th China International Industry Fair, C I F '97 Nov. 19-22, 1997, pp.24-28

P. Seetharamaiah (1997), "Developments in Active Sound and Vibration Control", Proceedings of the [National Symposium](#) on Acoustics – N S A – 97, Naval Science and Technological Laboratory, Visakhapatnam-27, INDIA, October 6-8, 1997, pp. II-6.1 – II-6.9.

1996

Md. Iqbal Ahamed, P.S. Ramaiah, and Ch. Bhujanga Rao (1996), "Test Generation for Digital Circuits", Proc. of [National Workshop](#) on University-Industry Science Partnership (UNISPAR-96) sponsored by AICTE – NEW DELHI, Andhra University, Visakhapatnam, INDIA, September 23-24, 1996, pp.82-87

N. Venkateswarlu and P.S. Ramaiah, (1996), "A Novel Realization of Wireless PC-LAN for Laboratory Environment", [National Seminar](#) on Radio-Based Telecom Services at The Institution of Engineers (INDIA), Vijayawada Local Centre, Vijayawada, March 31, 1996, pp.53-56.

P.S. Ramaiah, N. Venkateswarlu, and K.V.S. Narayana (1996), "An Approach to Design A Wireless Terminal Network (WTN)", [National Seminar](#) on 'Radio-based Telecom Services', The Institution of Engineers (INDIA), Vijayawada Local Centre, Vijayawada, March 31, 1996, pp.26-29.

P.S. Ramaiah, KVVS Reddy, N. Venkateswarlu, KVS Narayana (1996), "A Wireless PC-LAN for Marine Applications", [National Seminar](#) on Future Applications of Renewable Energy (FARE-96), Dept. of Electronics and Communications, Andhra University, Visakhapatnam, INDIA, March 30, 1996, pp.39-41.

N. Venkateswarlu, A.S. Rao, and P.S. Ramaiah (1996), "A System for Monitoring Multiple Power Channels", [National Seminar](#) on Future Applications of Renewable Energy, Dept. of Electronics & Communications Engg, Andhra University, Visakhapatnam, INDIA, March 30, 1996, pp.39-41.

1995

JVB Kumar, J. Rajeswara Rao, and P. Seethatamaiah (1995), "A PC-Based Speech Synthesizer", [National Seminar](#) on Future Applications of Renewable Energy (FARE-96), Dept. of Electronics and Communications Engineering, Andhra University, Visakhapatnam, FEB.23-25, 1995, Session VIII.

1994

P.S. Ramaiah and P. H. Gopal Man (1994), "Real-Time Microcomputer System for Monitoring DC Power Channels", [Journal of Institution of Engineers](#) (INDIA), Computer Engineering Division, Vol.75, Nov. 1994, pp.50-51.

P.S. Ramaiah and M. Vani Prasad (1994), "Development of ROM based Interrupt Routines using 'C' and Child Processes", [Technical Review of Institution of Electronics and Telecommunications Engineers-I.E.T.E.](#), New Delhi, INDIA, Vol.11, Nos 2/3, MAR-JUNE 1994, pp.143-146.

1993

P.H. Gopal Mani and P.S. Ramaiah (1993), "Specification of a Real Time System incorporating HMI", Proceedings of [National Convention](#) of Computer Society of India-Southern Regional Convention '93, SRC-93, Visakhapatnam Chapter, August 12-13, 1993, Section II, Item xii.

1991

P.S. Ramaiah, L.Suresh, and V.R.K. Murty (1991), "A New Approach to Simplify Testing of Microprocessor Architecture", 14th [National Systems Conference](#) by Systems Society of India, NSC-90, Dept. of Electronics Engg.,12-14, Aligarh Muslim University, Aligarh, INDIA, March, 1991 Paper no:5.1.1.

P.S. Ramaiah, and V.R. Murty (1991) "Functional testing and diagnosis of microprocessors using Instruction pairs and Petri nets", [IASTED International Symposium](#) on Circuits and Systems, Zurich, Switzerland, July 1-3, 1991, Session 2.10.

P.S. Ramaiah and K.A. Gopala Rao (1991), "A Simple Real Time Microcomputer for monitoring D.C. Power channels", [IASTED International Symposium](#) on Circuits and Systems, Zurich, Switzerland, July 1-3, 1991, Session 6.4.

1990

P.S. Ramaiah, L.Suresh, and V.R.K. Murty (1990), "A New Approach To Functional Testing of Microprocessors", Proc. of [National Conference](#) on Computing by Computer Society of India, INDORE Chapter, Computing – 90, Indore, INDIA, 17-18 August 1990, Session-III.1,pp.25-35.

1989

Y. Ramesh Babu and P. Sita Ramaiah (1989), "Motivation of Students and Teachers for Excellence in Technical Education", Proc. of XIX [National Convention](#) of Indian Society for Technical Education on "Excellence in Technical Education", Sri Venkateswara University, INDIA, Vol.II, 19-21 December 1989, pp.87-88.

P.S. Ramaiah and V. Radhakrishna Murty (1989), "A New Approach to Test Generation for Microprocessors", Procd. of NACONECS-89 [National Conference](#) on Electronic Circuits & Systems, Dept. of Electronics & Computer Engg., University of Roorke, Roorke, INDIA, November 02-04, 1989, pp.22 - 24

1988

T.V.K.H. Rao, E.V. Narayana, and P. Sitaramaiah (1988), "Sinewave Generation using Digital Techniques", [National Seminar](#) on Modern Trends in Electronics, M.M. Malaviya Engineering College, Gorakhpur, INDIA, Feb. 4-5, 1988, Session 3.2.

1986

P. Seetharamaiah and V. Radhakrishna Murty (1986), "Tabular Mechanization for Flexible Testing of Microprocessors", Proc. of [IEEE International TEST Conference](#), Sept 8-12, 1986, Washington, U.S.A., pp.394-407.

1985

P.S.Ramaiah and V.R.K. Murty (1985), "Function – Based Test Generation for Microprocessors", [IEEE First International Workshop on VLSI Design](#), (IEEE India Council and Computer Society of India), Dec. 26-28, 1985, I.I.T. Madras, INDIA, Session 8.3

1984

C.V.K. Singh, S.V. Rangarajan, and P. Seetharamaiah (1984), "Alphanumeric CRT Terminal for Telugu and Hindi Scripts", [Journal of Institution of Electronics and Telecommunications Engineers](#), New Delhi, INDIA, I.E.T.E. special issue on Computer Applications in Processing of Indian Languages and Scripts, Vol.30, No.6, Nov. 1984, pp.203-214.

P. Seetharamaiah (1984), "A Microprocessor Stepper Motor Controller", Students [Journal of Institution of Electronics and Telecommunications Engineers](#), New Delhi, INDIA, I.E.T.E-SJ., Oct. 1984, Vol.25, No.4, pp.13-129.

P. Seetharamaiah (1984), "An Engineering Oriented Design Approach to Microprocessors", Students [Journal of Institution of Electronics and Telecommunications Engineers](#), New Delhi, INDIA, I.E.T.E-SJ., April 1984, Vol.25, No.2, pp.39-48.

P. Seetharamaiah and KVSVN Raju (1984), "Digital System Clocks", Students [Journal of Institution of Electronics and Telecommunications Engineers](#), New Delhi, INDIA, I.E.T.E-SJ., Jan. 1983, Vol.24, No.1, pp.7-11.

INVITED PRESENTATIONS

"Embedded Computer Systems and Processors" Refresher Course in Computer Science, Academic Staff College, Andhra University, Visakhapatnam, Sept.05, 2007

"Robot Hand-Eye Coordination System" *Workshop on Robotics and its Applications*, Vignan's Engineering College, Guntur, September 01, 2007.

"Embedded Computers for Medical Applications", Workshop on Mixed Signal processing and Recent Advances in Electronics, USIC, Andhra University, Visakhapatnam, December 21, 2006

"Embedded Systems for Medical Applications-Bionic Implants", Workshop on VLSI & Embedded Systems, GMR Institute of Technology, Srikakulam, February 17, 2006

"Data Communications – An Overview" Refresher Course on Computer Systems, Academic Staff College, Andhra University, Visakhapatnam, November 2, 2005

"Active noise Control System for an Acoustic Duct" C E P Course on Vibration and Noise Control, Naval Science and Technological Laboratory, Visakhapatnam, Nov. 25, 2005

"Embedded Computer Systems and Processors" C E P Course on Embedded Systems Hardware and Software, Naval Science and Technological Laboratory, Visakhapatnam, Sep.17, 2003

"PC-based Multi-Fingered Robotic Hand" National Seminar on Underwater Systems and Engineering, USE-2003, Naval Science and Technological Laboratory, Visakhapatnam, June 20, 2003

"Design and Development of Active noise Control System" C E P Course on Active Noise Control, Naval Science and Technological Laboratory, Visakhapatnam, Nov. 26, 2003

PROFESSIONAL ACTIVITIES

Organized Workshop on “DB2 Fundamentals” at Dept. of Computer Science and Systems Engineering, Andhra University, Visakhapatnam, Under IBM FACULTY DEVELOPMENT PROGRAMME for teachers of Andhra University and its affiliated colleges, 11-13 JUNE 2006

Session Chairman for “Topics on Software Engineering” at the National Convention on Strategic Enterprise management, through Information Technology, BIG-2003, Computer society of India, Visakhapatnam Chapter, Visakhapatnam, 10-12, June 2003

Seminars / Workshops attended

DSP Design Flow	Nanyang Technological University-Singapore (N T U)	Dec. 8-9, 2005
IEEE FPT'05	National University of Singapore – Singapore (N U S)	Dec. 11-14, 2005
EDK	National University of Singapore – Singapore	Dec. 15-16, 2005

INTERNATIONAL CONFERENCE PAPER REVIEWER

2nd. International Conference on Computing, Communication and Control Technologies: CCCT '04, Aug. 14-17, 2004, University of Texas at Austin; Sponsored By: The University of Texas at Austin And IIS: The International Institute of Informatics and Systemics

GRANT REVIEWER

· SERC division of Department of Science and Technology, New Delhi

PROFESSIONAL SOCIETIES

- Fellow of Institution of Engineers (INDIA), Kolkata
- Member of Computer Society of India, Mumbai
- Life member of Condition Monitoring Society of India, NSTL-Visakhapatnam, India

TEACHING

Under Graduate-B.Tech.(CSE) and Post Graduate – M.Tech.(CST)/MCA/M.Sc.(CS) Levels

Microprocessors-I, Microprocessors –II, Embedded Systems, Computer Organization, Data Communications, Computer Networks, Digital Logic Design,

PhD Dissertations Supervised

Design and Control of A Four Fingered Robotic Hand Based on the Anthropomorphic Model, March 2005, Andhra University, Visakhapatnam, India

Numbering of A Class of Trees and Search Algorithms for World Wide Web, March 2005, Andhra University, Visakhapatnam, India

ADDITIONAL EXPERIENCE

Head of the Department- chairperson, Department of Computer science and Systems Engineering, Andhra university, Visakhapatnam, India, Oct. 2000 – Sept. 2003

Chairman – Board of Studies in Department of Computer science and Systems Engineering,
Andhra university, Visakhapatnam, India, Sept. 2003 – Aug.
2007

PAPERS PRESENTED AT INTERNATIONAL CONFERENCES/SEMINARS

1. "Speech Processor for Implantable Cochlear Stimulator", BET-04
[International Conference](#) on Bio-Medical Electronics and telecommunications-
BET- 04, Center for Bio-Medical Engineering, Dept. of ECE, Andhra University,
Visakhapatnam,
2. "A Model Based Approach to Robot Hand-Eye Coordination System", MS 2002,
IASTED [International Conference](#) on Modelling and Simulation, Marina Del Rey,
California, USA, May 13-15, 2002
3. "PC-Based Multi-Fingered Robotic Hand" KBCS-2000
[International Conference](#) on Knowledge Based Computer Systems, KBCS-2000,
National Center for Software Technology, Mumbai, INDIA, Dec. 18-20, 2000
4. "A Flexible Grasper Robotic Hand", MS'99
IASTED [International Conference](#) on Modeling and Simulation, MS'99,
Philadelphia, U S A, May 5-8, 1999
5. "A Flexible 3-Fingered Robotic Hand System", CAR & FOF '98,
14th [International Conference](#) on CAD/CAM Robotics & Factories of the Future,
CAR & FOF '98, PSG College of Technology, Coimbatore, India, Dec. 1-3, 1998
6. "A Flexible Easily Controllable Robot Arm and Four Fingered Robotic Hand", CIF-97
[CHINA-INDIA Seminar](#) on Advanced Manufactured Technology & Automation at
Jiao Tong University, Shanghai, CHINA, The 5th China International Industry
Fair, C I F '97 Nov. 19-22, 1997

PAPERS PRESENTED AT NATIONAL CONFERENCES/SEMINARS/WORKSHOPS

1. "A New Approach to Robot Hand-Eye Coordination", AMR-2004
[National Conference](#) on Advanced Manufacturing and Robotics, CMERI-
Durgapur, INDIA, January 10-11, 2004,
2. "A Flexible Three Fingered Robotic Hand",
[National Workshop](#) on Trends in Ocean Sciences – 21st Century, National
Institute of Oceanography, Visakhapatnam, INDIA, Sept. 25-26, 2000
3. "A Flexible Three-Fingered Robotic Hand ", AIMTDR-'98
18th AIMTDR (All India Manufacturing Technology, Design and Research)
[National Conference](#), I.I.T., Kharagpur, INDIA, December 10-12, 1998
4. "Developments in Active Sound and Vibration Control", NSA-97
[National Symposium](#) on Acoustics – N S A – 97, Naval Science and
Technological Laboratory, Visakhapatnam-27, INDIA, October 6-8, 1997
5. "An Approach to Design A Wireless Terminal Network (WTN)",

[National Seminar](#) on 'Radio-based Telecom Services', The Institution of Engineers (INDIA), Vijayawada Local Centre, Vijayawada, March 31, 1996

6. "A Wireless PC-LAN for Marine Applications", FARE-96

[National Seminar](#) on Future Applications of Renewable Energy (FARE-96), Dept. of Electronics and Communications, Andhra University, Visakhapatnam, INDIA, March 30, 1996

P.S. RAMAIAH