

A BRIEF RESUME OF
PROF. M. SURENDRA PRASAD BABU



ACADEMIC:

Prof. Maddali Surendra Prasad Babu was born on 12-08-1956 in Prakasam district of Andhra Pradesh. He obtained his B. Sc, M.Sc and M. Phil and Ph.D. degrees from Andhra University in 1976, 1978, 1981 and 1986 respectively. During his 27 years of experience in teaching and research, he attended about **28** National and International Conferences/ Seminars in India and contributed about 33 papers either in journals or in National and International conferences/ seminars. Prof. M.S. Prasad Babu has guided 98 student dissertations of B.E., B. Tech. M.Tech. & Ph.Ds. Prof Babu is now Head of the Department of Computer Science & Systems Engineering of Andhra University College of Engineering, Andhra University, Visakhapatnam.

AWARDS:

Prof. M.Surendra Prasad Babu received the ISCA Young Scientist Award at the 73rd Indian Science Congress in 1986 from the hands of late Prime Minister Shri Rajiv Gandhi.

INDIAN SCIENCE CONGRESS:

Prof. Babu conducted the proceedings of the Section of Information and Communication & Sciences and Technology including computer Science of the 94th Indian Science Congress as a president of that section in January 2007. He delivered the presidential address entitled 'Convergence of Digital Technologies for Transforming India into the world power'. Prof. Babu was also the sectional committee member of the Indian Science Congress in the sections of Mathematics and ICT in 1988 and 2005 respectively. He is at present Sectional secretary for the section of Information and Communication & Sciences and Technology including computer Science of the 95th Indian Science Congress to be conducted at Visakhapatnam in January 2008.

INTER UNIVERSITY RESEARCH:

The Web portal www.indiakisan.net, launched in the internet on 3rd June, 2005 by the Director General of ICAR, was the major contribution of the Prof. M.S. Prasad Babu. The web portal is a collaborative research effort of Acharya N.G. Ranga Agricultural University and Andhra University. Several web based expert advising systems in the area of Agricultural Science were developed and integrated in the web portal to give expert advice to the farmers in their farming activity in right time at their door steps. This noble initiative of threading the Agricultural Science with Information & Communication Technology and Computer Science results in improving the living standards of common people, which in turn brings the vision of Mahatma Gandhiji, 'The Gram Swaraj' in to a reality.

SOFTWARE DEVELOPMENT:

Prof. M.S. Prasad Babu is not only the best teacher for the subjects of Software Engineering but also practically implemented the techniques as a Software Engineer. He coordinated his students and developed several software packages in Andhra University. The Andhra University official website, www.andhrauniversity.info, The Andhra University wide area networking system (A.U. Affiliated Colleges), The Andhra University Campus Networking Systems, The Andhra University 'Online Examination Package, Andhra University Hostel Information System are some of the important software packages developed under the supervision of Prof. M.S. Prasad Babu.

SOCIAL WORKER:

Prof. M.S. Prasad Babu is a social worker. He visited Shanthiniketan in 1985 and founded Sri Vasavi Vijnana Mandali, an educational society with service motto in Visakhapatnam. He started Vasavi colleges in 1988 in Visakhapatnam under the above society as a founder Honorary Secretary.

ACADEMIC BODIES:

TEACHER:

During his 27 years of teaching experience Prof. M.S. Prasad Babu worked as a lecturer in N.B.K.R Institute of Science and Technology affiliated to Sri Venkateswara University, Tirupathi and GITAM College of Engineering affiliated to Andhra University from 1979 to 1990. He joined as a reader in the Department of Computer Science and Systems Engineering of Andhra University College of Engineering in 1990 and promoted as a Professor in the same department in 1998. During this period he taught several subjects in both Engineering Mathematics and Computer Science and Engineering. He taught Compiler Design, Object Oriented Software Engineering, Artificial Intelligence, Computer Networks, Formal Languages & Automata Theory, Mathematical Foundations of Computer Science, Data Structures & Programming Methodology, Operations Research, Signals & Systems, Information Technology, Object Oriented Programming, Object Oriented Analysis & Design, Digital Logic Design, Probability Statistics & Queuing Theory, Computer Programming & Numerical Methods, Discrete Mathematical Structures, TCP/IP, Network Programming, Database Management Systems, Visual Programming for both U.G & P.G students of Engineering discipline. At present his field of interest is Artificial Intelligence and Web Technologies.

EXPERT MEMBER:

Prof. M.S. Prasad Babu is a thesis adjudicator, examiner & paper setter for several universities in India. As AICTE Expert Committee member he visited several Universities and Colleges in India. He is also Expert Committee Member of APSCHE, Hyderabad for several years. As an Inspection Committee Member, as a Selection Committee Member, as an invited speaker, he visited several Colleges in Andhra University, Nagarjuna University, Osmania University and Sri Venkateswara University, Sagar University in Madhya Pradesh and Utkal University in Orissa States, Chaudhary Charan Singh University, Meerut, U. P. State.

COMPUTER SOCIETY OF INDIA: Prof. M.S. Prasad Babu acted as a Student councilor for Computer society of India, Waltair Chapter 1992-95 and Treasurer for CSI Visakhapatnam Chapter from 1993-95.

DISTRICT SCIENCE CENTRE: He was advisor to District Science Center, Visakhapatnam from 1988 to 2004.

STUDENT ACTIVITIES:

Prof. M.S. Prasad Babu is very active in motivating the students to achieve their goals. He has conducted a series of student seminars during 1999-2003 and published a compendium entitled "**A Treatise on Recent Strides in Computer Science and Technology**" in February 2000 which consists of 100 different articles on Computer Science. Prof. M.S. Prasad Babu delivered popular lectures on several platforms including All India Radio
