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Education:	<ul style="list-style-type: none"> • B.E. (E&TC) First Class with Distinction, University of Pune, Pune • Ph.D. (Communication Engineering), I.I.T., Delhi
Research Interests:	<ul style="list-style-type: none"> • Signal Processing • Biomedical Signal Processing • Information Theory & Optimal Communication Networks • Mobile Communication Networks
Research Projects:	<ul style="list-style-type: none"> • Communication Networking for Mobile Adhoc Networks • Satellite Communication System
Teaching:	<ul style="list-style-type: none"> • Under Graduate <ul style="list-style-type: none"> ○ Signal Systems ○ Communication Systems ○ Voice Network ○ Information Theory & Coding Techniques ○ Advanced Communication Systems • Post Graduate <ul style="list-style-type: none"> ○ Image Processing and Pattern Recognition ○ Wireless Networking
Projects:	<ul style="list-style-type: none"> • Undergraduate Projects guided: • Postgraduate Projects guided:
Professional Memberships:	<ul style="list-style-type: none"> • Senior Member, IEEE, USA • Chairman of Signal Processing Chapter under Bombay Section of IEEE • Fellow of IETE, India • Life Member of ISTE

Professional Contribution:	<ul style="list-style-type: none"> Received 'CDIL Award' from IETE India, for the best Technical Contribution from Industry for year 1989
Publications:	<ul style="list-style-type: none"> International & National Journals: 7 International Conferences: 3 National Conferences : 10 Books Authored / co-authored:

Papers Presented and Published in Journals:

Sr. No.	Date	Name of Journals.	Volume and page no	Paper title	Author
1	May 1984	Published in Signal Processing Journal	Vol. - 6, pp 225 - 233	Linear MMSE Filtering For Restoration of Images Degraded by Film Grain Noise	A. S. Tavildar
2	June 1984	Published in Electronics Letters	Vol. - 20, No.13, pp 556 - 558.	Model for optical density of films with Grain Clustering	A. S. Tavildar
3	1985	Published in Electronics Letters	Vol. - 21, No. 7, pp 260 – 262	Detection of Binary Images in Film Grain	A. S. Tavildar
4	1985	Published in Signal Processing Journal	Vol. - 8, pp 205 - 214	Binary Detection in Film Grain Noise and Intersymbol Interference	A. S. Tavildar
5	1985	Published in Signal Processing Journal	Vol. 8, pp 363 - 368	Maximum a posterior Estimation in presence of Film Grain Noise	A. S. Tavildar
6	1985	Published in Electronics Letters	Vol. 20, No 25/26, pp 1026 - 1027	Detection for Binary Images Recorded on films with Grain Clustering	A. S. Tavildar
7	1989	IETE Tech Review	Vol 6, No. 1,	Development of point to multipoint time division multiple access systems	A. S. Tavildar

Papers Presented and Published in International Conferences/ Magazines:

Sr. No.	Date	Name of Journals.	Paper title	Author
1	Feb 1990	International Conference - Asia Telecom held at Singapore	An approach towards providing rural telecommunications facilities for developing countries	A. S. Tavildar
2	3-5 January 2008	International Conference on Sensors, Signal Processing, Communication and Control, VIT, Pune	Near Vertical Incident Sky wave Propagation	M. Murugan, R. Purandare A. S. Tavildar
3	Sept. 2008	International Conference on Computer Networks and security [ICCNS-2008]	Broadband Network for Live EduSat Connectivity of Conference Proceedings	M. Murugan A. S. Tavildar M.J. Khurjekar

Papers Presented and Published in National Conferences/ Seminars / Symposia:

Sr. No.	Date	Name of Journals.	Paper title	Author
1	Sept. 1986	Second National Conference of SEDC's , at Lucknow, India	Need, Problems & Prospective - For R&D in Electronics Industries	A. S. Tavildar
2	Oct 1991	National seminar on Telecom Scenario organised by TEEMA	Emerging Technologies For Rural Communications	A. S. Tavildar
3	Feb 1993	National Seminar on "Mobile Communications" organised by IETE, at Pune	Wide Radio Paging Using RDS FM Pagers	A. S. Tavildar
4	April 1995	IETE Technical Convention held at Dehradun	Regarding performance of High Performance Parabolic Antenna at Microwave Frequencies	A. S. Tavildar

5	5th June 2005	National conference on Signal processing and communications, at Hyderabad	Implementation of Turbo code	A. S. Tavildar
6	21-22 January 2006	National conference on "TsyGeca 06" (Technical Symposium) at Government Engineering College, at Aurangabad	Simulation of Turbo /50VA Decoder	A. S. Tavildar
7	24-26 February 2006	National conference on "NCICT" (Information and Communication Technology) at Mumbai	Design of Block Interleaver for Turbo code	A. S. Tavildar