

CURRICULUM VITAE

SHASHIKANT SHANTILAL PATIL

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Highest Qualification: **M. Tech. [Electronics & Telecommunication], MIEEE, MBA (HR) Pursuing**

Career Objective

To be a member of a world class organization leading technological and socio-economic development of the country by enhancing the global competitiveness of technical manpower and by ensuring high quality technical education to all sections of the society with solid technical accomplishments, leadership, integrity and ethical standards, organizational and management skills, and eagerness to continue to move the organization forward to higher levels of accomplishment..

Scholastics.

Examination	Grade	Name of University	% of Marks	Year Of Passing
M. Tech. [EXTC]	FIRST	DBATU LONERE	7.43 CGPA	2007
B.E. [ELECTRONICS]	Distinction	NMU-SSVPSOE	66.73	1997
D.I.E.E.	FIRST	MSBTE	72.09	1994
MBA [HR]	APPEAR	YCMOU	-	Pursuing

Membership of Professional Bodies.

Professional Member, IEEE Member number: 90279168

Grade: Member, Region: R10 - Asia and Pacific, Section: Bombay Section

- Member, **IEEE ComSoc**
- Member, **IEEE SPS**
- Member, **IEEE Computer Society**
- **Member IEEE Microwave Theory and Techniques Society Membership.**
- Member, **IEEE Standards Association**

- ❖ Professional Member, **ACM.**
- ❖ **Fellow Member IETE.**
- ❖ Member, **Engineering for Change (E4C)**
- ❖ Member, **NHRDN, India.**

- ❖ Member, **ASEE**
- ❖ Life Member **ISTE**.

Potential Peer Reviewer and Referee for Elsevier Editorial System (EES):

- Computers and Electrical Engineering.
- Journal of Networks and Computers.
- ISA Transactions
- E Commerce.
- Computers in Human Behaviour.
- Journal of Education Technology

Potential Peer Reviewer and Referee for Taylor and Francis Journal Series:

- **International Journal of Electronics**

Potential Peer Reviewer and Referee for Springer link Journal Series.

- **Journal of Personal Wireless Communication.**
- **Intelligent society for Robotics**

International and Professional Associations

- **Member, Editorial Board, Transstellar Journal of Electronics Communication and Instrumentation Engineering Research.**
- **Member, Editorial and Advisory Board, Potential Peer Reviewer and Referee and Referee, IJCTA**
- **Associate Editor and Member, Editorial Board, Academic Journals Journal of Electrical and Electronics Engineering Research {JEEER}**
- **Member, International Advisory Board and Potential Peer Reviewer and Refree and Referee, International Journal of Engineering and Technology (IJET), Singapore, Asia**
- **Member, International Advisory Board and Potential Peer Reviewer and Refree , International Journal of Computer and Electrical Engineering (IJCEE), Singapore, Asia**
- **Member, International Advisory Board and Potential Peer Reviewer and Refree , International Journal of Computer Theory and Engineering (IJCTE) Singapore, Asia**
- **Member International Association of Computer Science and Information Technology, (IACSIT), Singapore 609431 (Member No. 80342573)**
- **Potential Peer Reviewer and Referee , IJMLC (International Journal of Machine Learning and Computing) ISSN: 2010-3700**
- **Potential Peer Reviewer and Refree , IJCEM International Journal of Computational Engineering & Management, ISSN (Online): 2230-7893**
- **Member, International Journal of Advancements in Technology (IJoAT)**
- **Member, The International Congress for global Science and Technology (ICGST)**
- **Potential Peer Reviewer and Referee Scientific Essays and Review.**

Achievements and Recognition:

- ❖ Nominated as Technical Committee Affiliate Member “**Multimedia Signal Processing {MMSP}**” of IEEE Signal Processing Society.
- ❖ Nominated as Technical Committee Affiliate Member “**Design and Implementation of Signal Processing Systems {DISP}**” of IEEE Signal Processing Society.
- ❖ Nominated as Technical Committee Affiliate Member “**Signal Processing for Communications and Networking**” of IEEE Signal Processing Society.
- ❖ Nominated as Technical Committee Affiliate Member “**Speech and Language Processing**” of IEEE Signal Processing Society.
- ❖ Nominated as Technical Committee Affiliate Member “**Image video and multidimensional signal processing**” of IEEE Signal Processing Society.
- ❖ Nominated as Technical Committee Affiliate Member “**Signal processing Theory and Methods**” of IEEE Signal Processing Society.
- ❖ Nominated as Technical Committee Affiliate Member “**Machine Learning for Signal Processing**” of IEEE Signal Processing Society.
- ❖ Nominated as Technical Committee Affiliate Member “**Signal Processing for Education**” of IEEE Signal Processing Society.
- ❖ Nominated as Technical Committee Affiliate Member “**Image Video and Multidimensional Signal Processing**” of IEEE Signal Processing Society.
- ❖ Nominated as Technical Committee Affiliate Member “**Bio-imaging for Signal Processing**” of IEEE Signal Processing Society.
- ❖ Nominated as Technical Committee Affiliate Member” **Information Forensics and Security**” of IEEE Signal Processing Society.
- ❖ Nominated as Technical Committee Affiliate Member “**Audio and Acoustics Signal Processing**” of IEEE Signal Processing Society.
- ❖ Nominated as Technical Committee Affiliate Member “**Industry DSP Technology**” of IEEE Signal Processing Society.
- ❖ Technical Committee Member “**Electronics and Environment**” of IEEE Computer Society.
- ❖ Technical Committee Member “**Nano-electronics, Nano-architectures and Nano-Computing**” of IEEE Computer Society.
- ❖ Technical Committee Member “**Pattern Analysis and Machine Intelligence**” of IEEE Computer Society
- ❖ Technical Committee Member of “**Task Force on Embedded System Co design**” IEEE Computer Society
- ❖ Technical Committee **Member of “WTC” IEEE Communication Society**

Employment Scan: Total Teaching / Industrial Experience 13 Years

Institute Name	Designation	From	To	Subject Taught
SVKM'S NMIMS UNIVERSITY VILE PARLE MUMBAI MPSTME SHIRPUR CAMPUS	Associate Professor	June 2009	Till Date	Principle of Communication Engg, Basic Electronics, Communication System, Digital Communication, DSP, Image Processing, Fundamentals of Microwave Engg., Microwave Theory and Circuits, Microwave Communication System, Digital Communication, Instrumentation Fundamentals.
SVKM'S NMIMS UNIVERSITY VILE PARLE MUMBAI MPSTME SHIRPUR CAMPUS	Senior Lecturer	June 2007	June 2009	
M.E.S's PIIT ,PANVEL	Lecturer	July 2003	June 2007	Principle of Communication Engg, Linear Integrated Circuits, Communication Techniques, Communication System-I, Mobile Communication, Communication System - II, Digital Communication
P.C.T's M. M. J. Shah Polytechnic, Thane.	Lecturer	February 2002	June 2003	Principle of Communication Engg., Basic Electronics, Electronic Materials & Components, Microprocessor, Industrial Electronics, Digital Computer Control, Digital Electronic System,
S. S. Patil Institute of Technology, Chopda, Jalgaon	Lecturer	February 2001	January 2002	Microprocessor, Industrial Electronics, Digital Computer Control, Digital Electronic System,
K. J. Somaiya College of Engineering, Vidyavihar, Mumbai.	Lecturer	July 2000	January 2001	Microprocessor Electronic Materials & Components
Govt. Polytechnic, Mumbai.	Lecturer	September 1990	June 2000	Telecommunication System & Measurements, Microwave Devices & Components, Microwave Engineering, Switching Techniques, Fiber Optic Communication, Principle of Communication Engg., Basic Electronics
Viva – Herbal Private Ltd.	Maintenance Engineer	November 1988	September 1999	Maintenance of the systems.
Rim-Zim Sales, Dhule	Sales and Service Engineer	Jan.1998	Nov. 1998	Sales and Service of PC's

Paper Presentation:

❖ Paper Presentation on “PID Controller Tuning by Internal Mode Control” in International Conference “RACE “ at Bikaner during 24 th -25 th March 2007
❖ Paper Presentation on UWB Technology in National Conference NCCCEM 09 at Jalgaon during 19-21 March 09.
❖ Paper Presentation in International Conference ICWET 2010 Mumbai on “ Optical Feature Extraction” during 26-27 February 2010
❖ Paper Presentation in International Conference ICSEC 2010 Nanvalnagar on “Pattern recognition and Optical signal processing”
❖ Paper Presentation in International Conference ICSEC 2010 Nanvalnagar on “Performance Overview of Optical Architectures for Temporal Signal Processing”
❖ Paper Presentation in International Conference ICSEC 2010 Nanvalnagar on “Pattern Analysis and Interpretation”
❖ Paper Presentation on “ Optical Signal Processing” in International Conference ICSTM’11
❖ Paper Presentation in International Conference ICOST’11 Dhule on “LTE Protocol and signaling”
❖ Paper Presentation in RITS International Conference on Advancements in Engineering & Management on “Multi Focus Image Fusion”

Publication:

IJCTA Journal on **Multi Focus Image Fusion**” May 2012 Issue .

Skill Sets:

MATLAB 7.0, IE3D, VHDL, MULTISIM, PSPICE _ ORCAD, C Programming, M.S OFFICE,

Trainings and Workshops Snapshot :

❖ One Week Continuing Education Programme on Electromagnetism Organized by Electrical Engineering Department of IIT Bombay and Electronics and Telecommunication Engineering Department of Dr. Babasaheb Ambedkar Technological University, Lonere during 26th June -30th June 2007.
❖ ISTE Approved Two Week STTP on Communication System at TSEC, Bandra. During 28th June – 9th July 2004.
❖ ISTE Approved Two Week STTP on Advanced Digital Communication System at TSEC, Bandra. During 6th December – 18th December 2004.
❖ ISTE Approved Two Week STTP on Signal Processing and Communication at DJSCE, Mumbai during 10th -20th December, 2007
ISTE Approved Two Week STTP on Microcontroller and Embedded System Design at SVKM's NMIMS, Mumbai.
❖ A One day workshop on teaching skills “ Research Methodologies” organized by Pillai’s Research Forum & Mahatma Education Society at Dr. K.M.Vasudevan Pillai’s Campus
❖ A three day workshop on Estimation ,Detection Theory & Random Processes organized by Electronics & Telecommunication deptt.of Dr. Babasaheb Ambedkar Technological University, Lonere.
❖ Short Term Training Programme on Microwave Antennas organized by Electronics & Telecommunication Engg. Deptt. of Dr. Babasaheb Ambedkar Technological University,Lonere.
❖ A Two Day Training Programme on Artificial Neural Networks & Their Applications organized by Electronics & Telecommunication Department of Dr. Babasaheb Ambedkar Technological Univresity ,Lonere,Raigad.
❖ A National Workshop on Emerging Technologies of the Future organized by Mahatma Education Society, Board of Research in Nuclear Science Department of Atomic Energy at Pillai’s Institute of Information Technology, Engineering , Media Studies & Research , New Panvel.
❖ A Two Day Workshop on VLSI Design Organized by Electronics & Telecommunication Engineering Dr. Babasaheb Ambedkar Technological University Lonere during 14th Nov. 2006 to 15th Nov. 2006.
❖ A Seminar on Data & Network Security organized by Computer & Information Technology Deptt. Of Pillais Institute of Information Technology, Engineering, Media Studies & Research, Panvel.
❖ ISTE and AICTE approved One Week STTP on Wireless Communication organized by Department of Electronics and Telecommunication Engineering of Dr. Babasaheb Ambedkar Technological University, Lonere. During 20th – 25th March 2007.
❖ International Seminar Series on “ Technological Convergence : IT Convergence , Cyber Crime beyond boundaries: Look at Cyber Law and Technological Management “ Organised by Pillais Institute Of Management Studies and Research, Panvel on 13th March , 2007.
❖ A National / Asia Pacific Regional Conference on Information and Communication Technology and Management organized by SVKM's NMIMS (NCICT-2010) on March 5-6, 2010
❖ Participated in ISTE approved one week Dale Carnegie and Mission 10X { Wipro Initiative} workshop on “ High Impact Teaching Skills “
❖ One Week QIP on “Navigation and Control of Flight Vehicles organised by Aerospace Engineering Department of Indian Institute of Technology Bombay during June 11-17, 2011.
○ Two week ISTE approved STTP on Basic Electronics conducted by IIT Bombay and organized by RCPIT Shirpur during June 28-July 08, 2011.
○ One Week QIP on “DIP and Remote sensing” by CSRE of Indian Institute of Technology Bombay during July 18-22, 2011.
○ One Week Short Term on “Cadence OrCAD-16” during Jan 12-Jan 16, 2009 at SVKMs NMIMS Shirpur.
○ Program Coordinator, for Three Day Workshop on Matlab during November 13-15, 2009.

Summary of Professional Excellence:

Institute Name	SVKM'S, NMIMS UNIVERSITY, MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT AND ENGINEERING, MUMBAI
Period	June 2007 till date
Position	Associate Professor
Responsibilities	<ul style="list-style-type: none"> • Professional Member IEEE • Member of IEEE Communication Society • Member IEEE Computer Society. • Member ACM • Member NHRDN India • Member Silicon India. • Member Core Committee "Admissions @ Shirpur Campus" • Member Committee for "Preparation of the accreditation documentation (NAAC and NBA) • Member "Campus Discipline Committee" • Presently working as FE Co-ordinator and In-charge General Engineering and Sciences Department. • Working as Chairperson – Academic Administration, Logistic and Operations. • Working as Convener Time Table Committee. • Working as Coordinator – Staff Development Cell. • Public Relations and Media Coverage. • Worked As Hostel Coordinator. • Worked as Member of Mess Committee. • Project Co-ordinator for final year students • Integral part of Campaigning, Promotions, Admissions and Counseling activities of University • Curriculum and Content Development. • To look after laboratory setup & Procurement of the equipments • Co-ordinator: Staff Development Cell. • To interact with students, parents & visitors. • To design, devise, introduce time saving & smooth functioning of the Electronics Department by maintaining records & to improve overall efficiency. • Planning, Organizing, & Implementing the Curriculum. • Prepare the Curriculum implementation plan for institute as a whole. Communicate the Schedule of the activities under the plan to all the departments & all the students. • To develop instructional system for lectures, practical & allied activities related to teaching. • To maintain the record in the prescribed Proforma to facilitate the internal & external monitoring.

Institute Name	Mahatma Education Society's Pillais Institute of Information Technology, Engineering, Media and Research, PANVEL
Period	July 2003 to June 2007
Position	Lecturer
Responsibilities	<ul style="list-style-type: none"> • Worked as In charge Principal – Pillais Polytechnic, Panvel. • Worked as In charge Head of the Department in Electronics Engineering. • Worked as Chief Officer In charge for MSBTE Exams • Designated as a Project Coordinator Of Industry Education Partnership Cell of Maharashtra Economic Development Council, DTE, MSBTE & Government of Maharashtra • Worked as Academic Co-ordinator for academic activities • Worked as Officer In-charge for MSBTE Theory & Practical Exams. • Worked as Co-ordinator – Training and Placement. • Worked as Examiner & Moderator for MSBTE Theory & Practical Exams. • Work Experience for Preparing Reports for Monitoring Committee Inspection, Continuation of Courses, Performance Appraisal ,Progress Profile, Compliance Report for AICTE Approval. • Worked as a Controller of Examinations for M.S.B.T.E. Exams • .Member Of Internal monitoring committee • Member of Institute Curriculum Implementation unit • Convener of time table committee • Project Co-ordinator for final year students • Career guidance & Counseling. • Co-ordinator for Industrial visits & Training for Students & Staff so that curriculum implementation is effective. • Head of the Department – Staff Development Cell. • To look after laboratory setup & Procurement of the equipments • To report Principal of the institution as a Head of the Department. • To design, devise, introduce time saving & smooth functioning of the Electronics Department by maintaining records & to improve overall efficiency. • Planning, Organizing, & Implementing the Curriculum. • To prepare yearly plan of implementation & take review of the progress once in month • To maintain all the records of implementation & assessment.

Personal Dossier:

Date of Birth	March 22, 1974
Nationality	Indian
Gender	Male
Languages Known	English, Hindi, Marathi
Residential Address	37, KALAKRITI, Laxminagar, Dheku Road, Amalner, Jalgaon, M.S. PIN - 425401
Marital status	Married

References

<ul style="list-style-type: none">• Dr. S.B. Deosarkar, PhD (Engineering) Principal Vidya Pratisthans' College of Engineering, Baramati, Pune, M.S.
<ul style="list-style-type: none">• Prof Anjali Malviya, ME PhD (Pursuing) Associate Professor, TSEC, Bandra, Mumbai.
<ul style="list-style-type: none">• Dr. S.L Nalbalwar, M.Tech, Ph.D Signal Processing. Professor and Head , EXTC Dr. B.A.T.U. Lonere, Raigad, M.S.
<ul style="list-style-type: none">• Prof. Daniel Jacob, M.Tech Industrial Engg. Principal, Pillai's Polytechnic Panvel. M.S.

Date:

Place:

Signature

Reflective Essay

Being born to a family of farmers in the heart of Maharashtra meant a treasure trove of agricultural knowledge. My family coffers sufficed not only my generation but many more to come. My grandfather worried not of any academic matters and I was commended to a life on our many acres of land. A luxurious life was dreamt for me and my offspring even before I opened my fist. Amidst the opulence, I wished to build a life of my own. I wished to pave the way for my success on my merits. I refused to be told who I am as I wished to find that out for myself.

In my quest to find my purpose and abilities, I have explored many domains and scaled many heights, all the while taking criticism and failure with a pinch of salt. My inspiration has been my father, from whom I have learned to be my own person. It is from him that I get my fiery temperament to keep searching for the right answers.

I was always a curious and intuitive personality and often wondered about how things work. I wanted to explore electronics and telecommunication and while doing so, I felt the urge to share my knowledge. As my contribution to the department I published many papers in international conferences. While I earned the respect of my colleagues, I felt that I could do much more. Hence, like my father, I took up teaching. As I entered the classroom from the other side of the fence, I truly felt at home. I was thrilled to have found what I wanted. The expectant faces and bright minds stirred up something in me and I knew I had found my calling. The exhilaration of being able to guide a child and watch him moving towards success has captivated me and I have hence confined myself to the noble duty of teaching.

I dabbled in the corporate world for a brief period before taking up tutoring and I was reassured that in an academic institution is where I belong. I lectured at many well established organizations, always learning about life on the other side. I learnt soon that a teacher's duty is not to edify what is in the books, it is to instruct the lessons of life, always being underappreciated. I was not always a firm hand and a kind word but it was in my blood to deal with adolescents. I discovered how to be a friend and yet be remembered as a teacher soon after I joined my current workplace.

I have seen this campus being built from scratch. I have been one of the bricklayers in MPSTME, NMIMS, Shirpur Off campus. It is a gratifying yet cumbersome task to deal with adolescents alone. Here, my colleagues and I were dealing with teenagers experiencing hostel life for the first time ever. A combination of an infantile organization and housing teens is one of the most overbearing tasks of my life. Nonetheless, I have contributed all that I could in MPSTME, NMIMS.

In a budding institute, every skilled person does well to contribute all they can. Sticking to a specific job profile robs you of the experience of a lifetime. I gained experience not only as a professor here but also as a logistics department head. I dipped into administrative activities and was titled the Chairperson of Operations department. I was watching over the mess, the hostel and the transport of students from the campus to Shirpur. I soon saw the opportunity in administration and my gift in dealing with any issue head on. I was rediscovering myself.

Soon, just like Pillais' I was into campaigning for my institute. I was a counselling chairperson for admissions. I dealt now with parents contemplating a life away from their children. This was an altogether new experience which taught me enough about human relations and how to deal with parents under pressure. No longer was I just a professor, I became a guardian to many confused students with equally confused parents.

All the occurrences of campaigning and life at NMIMS and other institutes inspired me to share my knowledge with the community. I began writing columns in Marathi dailies and became a fond part of many lives. My articles are based on technical as well as social issues. I intend to continue this practice I believe there are many individuals wishing to make a change and with a little direction they may make a significant one. I have spread the word of academia in many households.

With all I have dealt in my twelve years of teaching experience, I am well prepared to contribute to your institute. With all due respect, I am confident of giving immensely to the academic environment there. My love for knowledge and personality development shall always create a harmonious atmosphere in the classroom. I assure you, I will do more than is asked of me as this isn't just a profession but a passion.

Statement of Purpose

Having been in the vocation for twelve years, I have made tremendous growth personally and brought about many upheavals. I have proved to myself and to others that academia is one of the sure shot ways to bringing about change and hence I have has the opportunity to set many an example on not only mine, but also many more children. I can proudly state that I have fostered many minds when they were at their most vulnerable into remarkable young citizens of our country.

The pride that I feel when a former student calls, grounds me deeper into the duty I have taken up and I strive harder for a more substantial contribution each time. My humility lies in the fact that I am remembered years after a student has graduated, and I am given the opportunity to continue sharing their news. They call me to thank me for being such a big part in their lives, they call me just so they can reconnect with themselves, and they call me just to walk down memory lane. This love brings out gratitude in me for them having opened themselves up to me.

These aspects of my profession are the reason I want more. After tasting success in helping to set up NMIMS, I wish to ascertain this new side of me and I see great opportunity in an organization like yours. It inspires me to think in ways which I haven't before and stirs a new passion within me. I wish to contribute in revolutionary ways to your institute.

My administrative knowledge shall help in setting up E-Governance in your institute. I have faced ample backlogs with paperwork and hence realize the importance of a paperless university. I firmly believe in being in step with the world and hence appreciate technology beyond measure. I am a modern thinker, wishing to be one step ahead with each endeavour.

I wish to increase the reaches of your institute beyond India. I believe in gathering all resources and academic cultures as knowledge has no boundaries. I wish to establish international affiliations while I am at your university. I wish to truly aggregate students of all calibres and provide a wholesome environment for our apprentices.

I have always tried to propagate education for all. I believe that it is a right of every individual in the world to be able to read and write. I deem that poverty can only be combated by education as it is the only weapon with such versatile applications. I wish to eradicate the term "underprivileged" by educating as many children as possible. As early as 1997, soon after I completed my graduation, I found myself starting "Swami Vivekananda Gyan Prabodhini". We conducted classes for students from underprivileged sections of society along with social activities. We organized competitions on public speaking, trivia and aim to hone the personalities of all children. We believed in spreading social awareness. The institute shut down owing to the members migrating to other places and I wish to someday re-establish it.

Post graduate studies have a growing scope in our country. Many learners, with the right guide, can contribute immensely to the society. It is a virgin domain and I wish to introduce unique programs for post graduate studies such that more and more people are enticed to it.

With all my aspirations, I wish to go a long way. I aim to fulfil all my dreams by contributing to institutes as yours and eventually have one of my own. I wish it to be a home for all those who wish to learn and will strive to provide them with all they need.