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**DR. MAHADEO D. KOKATE**

**Principal,**

SNJB's late Sau K.B. Jain College of Engineering,  
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**PROFESSIONAL EXPERIENCE**

- **Principal**, SNJB's late Sau K. B. Jain College of Engineering, Chandwad Dist. Nashik from Oct. 2016 to till date..
- **Professor** and I/C Principal, SNJB's late Sau K. B. Jain College of Engineering, Chandwad Dist. Nashik from May 2016 to Oct. 2016
- **Professor and Dean** (Second Shift), KKWIEER, Nashik from May, 2012 to May, 2016
- **Principal**, K.K. Wagh Polytechnic, Nashik from June, 2007 to May, 2012
- **I/C Principal**, K.K. Wagh Polytechnic Nashik from May, 2005 to May 2007
- **Assistant Professor**, Department of E&TC, KKWIEER from Aug. 1997 to May, 2005
- **Lecture**, Department of E&TC, KKWIEER, Nashik from Aug. 1990 to July, 1997
- **R&D Engineer**, Electronica (PRAV), Pune Satara Road, Pune, April 1990 to Aug. 1990

**PROFESSIONAL MEMBERSHIP**

- Immediate past Chairman, IETE, Nashik sub centre, 2012-2016
- Member IET, United Kingdom, 2014-2016
- Hon Secretary, IETE Nashik sub centre, 2008-2012
- Fellow, IETE, New Delhi
- Managing Committee Member, Computer Society of India, Nashik Chapter, 1995
- Counsellor of KKWIEER CSI Students' Branch Nashik, Non. 1995
- Life Member ISTE from 1994

## EDUCATIONAL QUALIFICATION

<i>Degree</i>	<i>Institute</i>	<i>Class</i>	<i>Yr</i>	<i>University/Board</i>
Ph.D.	Shri Guru Govind Singhji IET, Nanded	--	Sept. 2014	SRTM University, Nanded
ME (Electronics)	Walchand College of Engineering, Sangli	Distinction	1997	Shivaji University, Kolhapur
BE (E&T/C)	Govt. Engineering College, Pune	First class	1989	SPPU, Pune

## CERTIFICATION

- GATE Qualified, 1992
- Merit Certificate for 26<sup>th</sup> rank in HSC Examination, Aurangabad division
- Merit Certificate for 13<sup>th</sup> rank in SSC Examination, Aurangabad division

## ACADEMIC AFFILIATIONS

- Expert, Evaluation of UGC Research projects, Savitribai Phule University, Pune, 2016
- Session Chair, CPGCON<sub>14</sub>, PG Conference for Computer Engg. Organised by SSPU Pune at Matoshri COE Nashik, 2014
- Member, Local Inspection Committee at SNJB's COE, Chandwad, Feb. 2014
- Organising Committee Member of ePGCON<sub>14</sub> PG Conference for E&T/C by SSPU organised by KKWIEER Nashik, March 2014
- Subject Expert, E&TC, UGC staff selection committee SSP Pune at Matoshri COE Nashik, April 2014
- Member, Local Inspection Committee at Pune Vidhyarthi Gruha COE Nashik, Nov. 2012
- Member, State Level Courses Committee, MSBTE, Mumbai, April 2011
- Expert on MPSC Panel, Govt. of Maharashtra, Mumbai 26<sup>th</sup>-28<sup>th</sup> April, 2010
- Expert, UGC Staff Selection at MET's COE, Nashik, Aug. 2007
- Member, Local Inspection Committee at DYPCOE, Pimpri, Pune, Aug. 2006

- Member, Technical Advisory Committee, YCMOU, Nashik, March,2005
- Expert, UGC Staff selection at AVCOE Sagamner, Aug.2003
- Invitee, BOS (Electronics), Savitribai Phule Pune University, Pune,2002
- Member , Local Inspection Committee at PICT Pune, Dec.2001
- Expert, UGC Staff Selection at MIT Pune, July 2000
- Enrolment on Panel of Examiners, MPSC, Mubai, dec.1999
- Chairman, Monitoring Committee, MSBTE, Mumbai
- Contribution in TE(E&TC) syllabus setting workshop held at DYPCOE, Pimpri, Pune, Jan.2005

### PAPERS PUBLISHED

- S. Sonone and M.D. Kokate, “ Review on Different Feature Extraction Algorithms”, International Research Journal of Engineering and Technology, , Vol3, Issue 2,e-ISSN:2395-0056p-ISSN:2395-0072, Feb2016
- K.R. Rahangdale and M.D. Kokate, “ Event Detection using Background Subtraction for Surveillance Systems”, IRJET, vol. 3, Issue 1,e-ISSN:2395-0056, Jan. 2016
- K.R. Rahangdale and M.D. Kokate, ‘Study of Video Compression Techniques: Review” International Journal of Scientific & Engineering Research (IJSER), ISSN 2229-5518, Nov.2015
- K. Girase, A. Jain , S. Yawankar and M.D. Kokate, “ Filter Rod Detection by using Poka Yoke”, Vol .3, Issue 6, IJOER, pp 642-647, ISSN 2321-7758, 2015
- Apeksha Deshmukh and Kokate M. D., “Comparison of BER for Different Schemes in STBC-OFDM Receiver” International Journal of Modern Trends in Engineering and Research, IJMTER, Chandwad, India, July, 2015
- Kokate M.D. and Sontakke T.R., “Performance of RAKE-LMMSE Receivers in Wideband Communication System”, Springer USA, 2014
- Komal Avasthi and M.D. Kokate, “ Online Quality Monitoring System: A cost effective approach”, ICRTET, SNJB Chandwad, India, March,2014

- Kokate M.D., Sontakke T.R. and Bagul C.R., “The Performance of RAKE Receiver in Multirate Wireless Communication Systems,” International Journal of Electronics, Communication and Soft Computing Science and Engineering (IJECSSE), ISBN No.978-81-926080-0-6, pp.83-86. India, Feb.2013
- M.D. Kokate, T. R. Sontakke and P.W. Wani, “Precombining Adaptive LMMSE Detection for DS-CDMA Systems in Time Varying Channels: Non Blind and Blind Approaches”, World Academy of Science, Engineering and Technology journal, article 130, pp pp.198-200, Istanbul, Turkey, May, 2005

### BOOKS

- Manuscript written on “Relays and Transformers” for YCMOU, Nasik, April 1995
- MSBTE’s Civil Engineering Manual, 2010

### PAPERS SELECTED/PRESENTED:

#### a) INTERNATIONAL CONFERENCES

- Kokate M.D. and Sontakke T.R., “MMSE Receivers in MIMO Broadband Communication Systems,” selected for conference ICW, WorldCopr13, LasVegas, USA, March, 2013
- Komal Avasthi and M.D. Kokate, ‘Recent Trends In Display Technology’, ICRTET, Chandwad, India, Feb, 2013
- Kokate M.D., “Policies and Effective Implementation of e-learning Tools in Indian technical Education”, selected for WorldCompo8, Las Vegas, USA, July, 2008
- Kokate M.D. ‘Precombining Adaptive LMMSE detection for DS CDMA system in Time varying Channels’ paper number 543, IEEE Wireless Comm2005 Conference,, Maui, Hawaii, USA, June2005
- Kokate M.D. and Sontakke T.R., “Multi Carrier CDMA: Blind Multiuser Detection Schemes”, paper selected for SPIE International conference on “Wireless Communication and Networks”, Huwan, China, Nov, 2003

#### b) NATIONAL CONFERENCES

- Komal Avasthi and M.D. Kokate, “Sensor Technology in Detection and Monitor of Air Pollution” organised by Shatabdi Institute of Technology, Nasik, 2014

- Kokate M.D. and N.M. Pawar “Virtual Learning Centre (VLC): Our Experience” IETE Regional Conference, Amravati, 2009
- Kokate M.D. and Dharmadhikari D. M., “ Diploma Education in India” **prize winning paper**, in National seminar on Challenges for technical education-in view of global changes, XII ISTE Convention, JSPM, Pune, 2008
- Kokate M.D. and Naveen Pholey, “Intelligent ROBOT: Military Application”, National Conference RAME, Mech. Engg. Dept, KKWCOE, Nasik, 2003
- Kokate M.D. and Sontakke T.R., “On Performance Analysis of Mobile and Personal Communication Systems and Networks: QoS in Telecommunication”, IETE National Convention ,University of Pune, Pune, 2002
- Kokate M.D. and Sontakke T.R. “Smart Antenna: Adaptive Beam Forming for Wideband CDMA system”, First National Conference on Signal, Systems and Security, NCSSS, SGT, Coimbatore,2002
- Kokate M.D. “Technical Teacher as Resource Person”, ISTE National Convention, Bhubaneswar, 2001
- Kokate M.D. “Information Highway: WBCS Chanel Characterization with Blind Approach”, ATC, IETE, Indore, 2000
- Kokate M.D. and Sontakke T.R., “Wireless Broadband Communication Systems- Blind Equalization”, ATC, IETE, Delhi, 1999

### WORKSHOPS/SEMINARS/CONFERENCES

- Training program on Sexual Harassment of Women at work place (Prevention, Prohibition and Redressal)Act,2013 jointly organised by Maharashtra State Commission for Women and Internal Complaint Committee of SPPU, Pune, Jan. 2017
- Workshop on “NAAC “ Ajinkya D.Y. Patil University, Pune Jan2017
- Attended workshop organised by Mihir Enterprise on ‘Antenna Design, Fabrication and Link Design’ held at KKWIEER, Nashik, Jan.2016

- Guest Lecture on ‘ Why to opt for technical Education’ at Chatre Vidyalaya, Manmad, Organised by TSIT Poly. Manmad, Dist Nashik 6<sup>th</sup> Jan, 2015
- Plenary Session on “MIMO Channels” National Conference on “Recent trends in advanced Communication” supported by SPPU and organised by Loknete V. Hiray Mahavidyalaya, Panchavati, Nasik, 13<sup>th</sup> Jan, 2015
- Chief Guest of Inaugural function SSPU sponsored Two day workshop on Embedded System at SVIT, Chincholi, Nasik, 22<sup>nd</sup> Jan, 2015
- Expert lecture on “MIMO: Preparedness for 5G” SPPU sponsored two day seminar at Shri Chatrapati Shivaji Engineering College, Nepti, Ahamadnagar, 5<sup>th</sup> Feb, 2015
- Chief Guest, IETE Students day function, at Sandip Polytechnic, Nasik, 6<sup>th</sup> Feb, 2015
- Member, Local Inquiry Committee SSPPU Pune at Sinhgad’s S. K. Nawale COE, Pune, 12<sup>th</sup> Feb 2015
- Guest lecture on WSN, ME Students, Sapat Enginnering College, Nasik, 9<sup>th</sup> April, 2015
- Session Chair, Track ETC, 4<sup>th</sup> International Conference on Recent Trends in Engineering & Technology, ICRTE-2015, SNJB’s COE, Chandwad, 03<sup>rd</sup> July, 2015
- Member, Staff Selection Local Committee, R H Sapat COE, Nasik, 9<sup>th</sup> Sept., 2015
- Interactive session with staff and students, TSIT Poly. Manmad, 18<sup>th</sup> Sept., 2015
- Expert , ‘Avishkar-2015’ Nasik region, K.H. Abad Arts, M.G. Lodha Commerce & P. H. Jain Science College, Chandwad, Oct., 2015
- Reviewer of IEEE Conference papers, VIT ,Pune, Oct., 2015
- ePGCON, Co convenor, KKWIEER, Nashik, March, 2014
- Session Chair, CPGCON, Matoshri Engg. College, Nasik, April, 2014
- Resource person in teachers training workshop of TE(Electronics), Wadia Engg. College, Pune, July 2014
- Delivered guest lecture on “Carrier Opportunities After 10<sup>th</sup> and 12<sup>th</sup> std” School/High school students at Ethape Polytechnic, Sangamner, Dist. Ahemadnagar, 24<sup>th</sup> Dec., 2014

- Chief Guest, Inauguration of E-merge, Dept. Comp Science, KKW Arts, Comm, Science and Computer Science, Nasik, 31<sup>st</sup> Dec., 2014
- Expert Speaker , topic “Broadband wireless communication” State level seminar on “Advanced Trends in Telecommunication Engineering” , sponsored by SPPU and organised by JIT, Nasik, March, 2013
- ISTE workshop on Research Methodologies, Conducted by IIT Bombay at KKWIEER, Nasik, 25<sup>th</sup> June to 4<sup>th</sup> July 2012
- Three Days Training in ‘Institutional Management for Principals’ conducted by Mainstream HRD Center Mumbai organised by MSBTE, at Reliance Thermal Power Station, , Sept. 2009
- Resource Person on content Updating Programme titled ‘Mobile Communication’ organised by MSBTE Mumbai at GGS Polytechnic, Nashik, Dec.2009
- Expert lecture session in National Seminar on ‘Emerging Trends in Wireless Communication’ sponsored by AICTE, N. Delhi organised by PREC, Loni, June2008
- Attended IEEE international conference on ‘Personal Wireless Communication’ ICPWC2000 at Hyderabad , Dec.2000
- Attended AICTE (ISTE) sponsored summer school on ‘Personal, Multimedia and Broadband Communications and Networks’ held in Dept. of E&ECE from June19th to June 30<sup>th</sup> 1995
- Three weeks course on ‘Design of Transformers for Electronic Equipments organised by CEDT, Mohali, Chandigarh, June 1992

### EXTENSION ACTIVITIES

- Lecture on “Teaching learning process” for Faculty members of Matoshri COE, Nashik, March 2011
- Talk broadcasted by All India Radio Nashik on ‘use of Technology in social development’, Sept.1995
- Donated Public Address System to ZP Primary School, post Dastapur Dist Osmanabad, Jant.2001

- Blood donation camp in association with City Blood Bank, March, 2008
- Blood donation camp in association with Govt Hospital Nashik, Nov. 2006
- Resource person in Seminar on 'Defence Preparedness: Human Dimensions' to express views on 'Why Technocrats opt for Private Sector?' organised by Bhosala Military College, Nashik, March 1997

### AWARDS AND HONOURS

- Award for active participation in 'Anti Ghutka Movement' by Assistant Commissioner Nashik division FDA Govt. of Maharashtra, Nov. 2000
- GATE Stipend 1993-95
- National Merit Scholarship, 1983
- Swami Ramanand Teertha Award and Cash prize for securing Rank in HSC Examination (Aurangabad Division) 1983
- Zilha Parishad award for securing Second position District in SSC Examination in Osmanabad (Aurangabad Division), 1981
- State Merit Scholarship from 7<sup>th</sup> to 12<sup>th</sup> std, , Govt. of Maharashtra, 1977