

Dr. Milind Pande
Pro-Vice Chancellor
MIT World Peace University, Pune, India

Post-Doctoral Research Fellow, Telecom Technology Transfer
Post-Doctoral Fellow, Ph. D., MBA, ME, MPM

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Synopsis:

Dr. Milind Pande, Pro-Vice Chancellor, MIT World Peace University, Pune, India, a dedicated Professional with 28 years of Academic Experience. Well known as an Effective Communicator with Strong Relationship Management Skills. Authored a world class textbook on Mobile Communications, "Next Generation Mobile Communications - McGraw Hill Publication. Published 50+ Research Papers in International Conferences and Journals. PhD Supervisor at various Universities. 15+ Foreign Visits for University Collaborations.

Honors:

1. **Member, UGC Expert Committee, Govt. of India, New Delhi.**
2. **Member Assessor, National Assessment and Accreditation Council (NAAC) Committee, MHRD, Govt. of India, Bangalore.**
3. **Joint Secretary General, Organizing Committee, World Parliament 2018, 2019, 2020 Pune, India.**
4. **Convener - ABU ROBOCON India. (Robotics contest)**
5. **Member, Telephone Advisory Committee for Pune Telecom District, BSNL- by Ministry of IT and Telecom, Government of India Maharashtra, New Delhi for six years.**
6. **Core Team Member, "Smart Hackathon"-2017, 2019, 2020 MIT Group of Institutions, Pune, India (Conceptualized by MHRD, Govt of India)**
7. **Special Jury, Selection Committee for "Accenture Innovation Challenge Award", Bangalore, India.**
8. **Gave a 'Leadership Talk'on 'Automotive TELEMATICS: Trends in Automotive Telematics: The race to Safety – Insurance Telematics'at Telematics India 2013, organized by Telecom Wire.**
9. **Participated as a Panelist in at CommunicAsia, Singapore for Panel Discussion titled as Emerging Markets: Incredible India.**
10. **Delivered a talk on National Telecom Policy 2011 and Opportunities for Global Investors in Manufacturing, R&D and Value-Added Services CommunicAsia2012, Marina Bay Sands, Singapore.**
11. **Participating member of National education policy 2019 at NAAC Bangalore**

Awards:

1. Awarded for '**Recognizing Excellence in Education**' in Concern 2012 –by ASSOCHAM and Bal Bharti Academy, New Delhi India, Awarded MIT School of Telecom Management, Pune for its contribution towards the '**Education Development in Rural India of the Year 2011-2012**.'
2. Received the Best "**Business School Leadership Award**" from the Prestigious **19thDewang Mehta Business School Awards, 2011** in recognition of leadership, development, innovation & rural projects undertaken in the field of telecommunication business on 26th November 2011.
3. Awarded with "**Accredited Management Teacher**" (AMT), in the area of '**Management of Technology and Innovation**', by All India Management Association (AIMA) in the Silver Jubilee Year of AIMA in 2010. Registration No.: AMT3/11/10.
4. Received an Award "**Ideal Teacher**" at the auspicious hands of Honourable Shri. Sunil Tatkare, Minister for Finance and Planning, Govt. of Maharashtra, in the august presence of Honourable Shri. Abhijit Pawar, MD, Sakal Media Group on 5th September, 2010.
5. Received an Award "**Jewel in the Crown of MIT**" at the auspicious hands of Honourable Shri. Shivraj Patil, Minister for Home Affairs, Govt. of India, in the august presence of Honourable Dr. Vijay P. Bhatkar, Father of Supercomputers, Former Executive Director of C-DAC on 5th August, 2007.

Research Project Grants:

1. Research Project "**Impact of ICT facilities on Rural Education in Backward Regions**" (A study in the context of BPL families in Marathwada and Vidarbha regions of Maharashtra State) got sanction of **Rs. 10 Lacs** from (ICSSR), Ministry of HRD, Govt. of India, New Delhi - March 2012- March 2014.
3. Research Project "**Regional Study of Telecom Technology Options For Indian Rural Education**" got sanction of **Rs. 20 Lacs** from (ICSSR), Ministry of HRD, Govt. of India, New Delhi - March 2008- March 2010.

Patent Regd : Application Number: 81/MUM/2014*

"H2E2: Wireless Sensor Network (WSN) Green Platform for Precision Agriculture".

Academic Experience Highlights and Employment History:

1. Worked as Dean(R&D), MIT World Peace University– (April-September 2019)
2. Worked as Professor and Director of MIT School of Telecom Management, Pune, India – 12 Years (1 August 2007) to (30 March 2019).
3. Worked as Professor in MBA Dept. of MAEER's MIT, Pune, Maharashtra, India – (2007-2009).
4. Worked as Assistant Professor in E &TC Dept. of MAEER's MIT, Pune, Maharashtra, India – (2003 to 2007).
5. Worked as Training and Placement Officer in Engineering and MBA Department of Shri Sant Gajanan Maharaj College of Engineering, Shegaon, Maharashtra, India – (1996 to 2003).

Book Publications:

Dr. Milind has written a world class text book on Mobile Communications with core focus on Indian Telecom ecosystem in collaboration with Prof Rishi Kappal. The book, titled, **Next Generation Mobile Communications-Mobile, Infra Technology, Management, Data** is published by **McGraw Hill Education**.

R&D / Product Development:

1. Dr. Milind has been instrumental developing the social product. He believes that technology cannot only bring comfort but also help in uplifting the rural masses. With this vision in mind, he has developed social products in healthcare, agriculture, and education sector.
2. **M-Agri System:** A mobile based application which helps farmers to get information about crops, soil condition, weather condition, where data is stored, updated and broadcasted at regular intervals. Through Hybrid Hexagonal Energy Efficient (H2E2) Wireless Sensor Network (WSN) platform precision agriculture by covering maximum area in minimum sensors, increased energy efficiency, network lifetime and reducing cost is possible.
3. **Mobi Tech:** It is a mobile education technology which helps to educate rural masses through Mobile internet Device (MID). Pre-configured MID has classroom sessions for class 5th and 10th standard students where a child can learn on his own.
4. **Mobile Attendance:** Mobile Based attendance system developed on Android platform using WiFi or cellular network in campus to mark the attendance and this intelligent system authenticates the student in the provided classrooms or seminar halls.
5. **MobileHealth:** An application named EasyPatho working on android platform takes microscopic image of blood as an input, provides report as an output and these reports can be easily send to doctors and patients anywhere in the world.
6. Highway Traffic Management System(HTMS) deals with crucial issues like speed control, accidents and emergency support on the highways and this will be effectively used for monitoring weather, incident detection, video surveillance, classification of vehicles sizes and count using IR based non-intrusive sensors.

Qualifications:

1. **Ph. D. in Engineering** in Electronics & Telecommunication, 'Design & Development of some energy efficient wireless sensor network for precision Agriculture.
2. **Ph. D. in Business Management** (International Trades) in March 2004
3. **Post Doctorate Research Fellowship** from (ICSSR), Ministry of HRD, Govt. of India, New Delhi – April 2008-2010.
4. **Rotary International "Peace Fellowship" at Bangkok, Thailand, 2018.**
5. Participated in 'Innovating for Excellence: Program for Leaders in Management Education' organized by **IIM Ahmedabad** in 2010.

Research Areas:

Technology Management, ICT Innovations in Rural Education, Smart Sensing Networks, International Business, M-Agriculture, M-Health, M-education.

Approved Ph. D. Guide for:

1. **University of Pune**
2. **RTM Nagpur University**
3. **TMV, Pune**
4. **DPU, Pune**

Global University Interactions:

1. Visited Japan Tokyo for G20 Interfaith Conference, Goi peace foundation, Soka Gakkai University, 07 June 2019.
2. Travelled Salt Lake City Utah, Visited Utah Valley University, Salt Lake community college, Brigham Young University (BYU), Westminster University, October 2015.
3. Visited Massachusetts Institute of Technology, Brown University, RI, Providence, Harvard University, Northeastern University, Boston and the Wayne State University, Detroit, Michigan State also visited the Indo- American Chamber of Commerce Detroit, Michigan State, for exploring opportunities of International tie-ups, July 2013.
4. Visited Zayed University Dubai, American University Dubai, London School of Business, Dubai for International University Tie-ups, September 2012.
5. Attended International Telecommunications Union (ITU) conference at Geneva, Switzerland to meet the International Telecom Giants and Exchange ideas of Partnering and Collaborating with them October 2011.
6. Visited USA for interacting with Professors and Deans of: Kellogg School of Management, University of Illinois, Chicago, USA, Benedictine University, Chicago, USA and Illinois Institute of Technology, Chicago, USA, July 2011.
7. Visited Singapore for Interactions with Faculties, Dean and the Departmental Heads of National University of Singapore (NUS) and INSEAD Singapore. As an outcome of this visit the Dean, Academics, MBA of National University of Singapore joined Board of Studies of MIT School Of Telecom Management, Pune, India, July 2011.
8. Visited UK for International University Tie-ups and interacted with Professors and Deans of: University of Dundee, University of Aberty Dundee, University of North Umbria, London School of Economics, Coventry University, University of Bedfordshire, and University of Durby- August 2011.
9. Visited Singapore for 'CommunicAsia 2011' and interacted with Professors and Deans of: National University of Singapore, Singapore and Nanyang Technological University, Singapore and Singapore Management University June 2011 (SMU).
10. Represented India at International ROBOCON at Cairo, Egypt in August 2010 and took

the Delegation of National Robocon.

11. In Belgium - Brussels visited NATO Headquarters. Visited UNESCO Headquarter in Paris. Visited Switzerland - Geneva, WTO, OHCHR, ICRC, UNO, and UNICEF in September 2010.
12. In Netherlands, visited Hague University, International Court of Justice and Netherlands - India Chambers of Commerce and Trade in June 2010.
13. Travelled across Europe and UK. In London visited London School of Economics, Commonwealth Headquarters, and British Parliament and Headquarters of Liberal democrats in May 2010

On Board:

1. **Member, Academic Council**, MIT ADT University, Pune, India
2. **Member, Board of Management**, Avantika University, Ujjain, MP, India.
3. **Member, Organizing Committee and Member, Advisory Committee:** Innovation , Regional Research Conference – Jointly Organized by Maharashtra Academy of Engineering and Board of College and University Development, Pune University, India.
4. **Member, Editorial Board:** NIT Graduate School of Management, Nagpur University, India.
5. **Member, Advisory Board:** Dr. Bhausaheb Nandurkar College of Engineering and Technology, Yavatmal, Nagpur University, India.
6. **Member, Editorial Board:** International Journal of Advances in Computing and Information Researches (IJACIR), Pune University, Pune

Recent Research Paper Publications:

1. **SIRIUS: “Towards User-Centric Information Retrieval”:** Research paper published V.Vishwarupe, M. Bedekar, M.Pande, A.Hiwale, DOI: In-press publication. To be published in Springer’s Lecture Notes in Computer Science Series. Future of Information and Communication Conference (FICC) 2020 5-6 March 2020, San Francisco.
2. **Intelligent Twitter Spam Detection: A Hybrid Approach”:** Research paper published at Springer International Conference London, 2017 **More Information link:**
https://link.springer.com/chapter/10.1007/978-981-10-6916-1_17 V.Vishwarupe,

- M.Bedekar, M. Pande, A.Hiwale. DOI: 10.1007/978-981-10-6916-1_17 Springer WS4 International Conference London, UK February 15-16 2017. (Honourable Mention)
3. Factors Influencing Employee Engagement & Different Types of Engaged Employees Research Scholar – MIT ADT University, Pune Professor & HOD – MITCOM – MIT ADT University, Pune from 2019 IJRAR June 2019, Volume 6, Issue 2
 4. Factors Influencing Employee Engagement in Telecom Organisations from © 2019 JETIR June 2019, Volume 6, Issue 6 www.jetir.org (ISSN-2349-5162)
 5. “Literature review on study of human resource challenges in MSMEs with special reference to pune city” from © 2019 IJRAR June 2019, Volume 6, Issue 2 www.ijrar.org (E-ISSN 2348-1269, P- ISSN 2349-5138)
 6. Research Methodology on HR challenges in Micro, Small, Medium enterprises in Pune from © 2019 JETIR June 2019, Volume 6, Issue 6 www.jetir.org (ISSN-2349-5162)
 7. A Study of Choice Factors for Selecting B-Schools from International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS) Volume VII, Issue IV, April 2018 | ISSN 2278-2540
 8. Impact of Search Engine Optimization Dimensions in B-School Brand Building: An Empirical Study from International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS) Volume VII, Issue V, May 2018 | ISSN 2278-2540
 9. **“MSME Sector to Play Important Role In Make In India”**: A study, International Journal of scientific research and management (IJSRM) | | Volume | | 4 | | Issue | | 03 | | Pages | | 3984-3990 | | 2016 | | Website: www.ijssrm.in ISSN (e): 2321-3418, August 01, 2017.
 10. **“Agritourism Development in India: An Extended Literature Review.”**: International Conference on Ongoing Reach in Management and IT - INCON-2016, ASM, Pune, India. 8th &9th January 2016 (ISBN : 978-81924861-92), January 08, 2016.
 11. **“Management of pharmaceutical sales representatives: A literature review”**: Journal of Chinese Pharmaceutical Sciences (Vol. 25, Issue 1, January 2016), 1003-1057 CN 11-2863/R, January 01, 2016.

12. **“Effect of Organizational and Occupational Commitment on Satisfaction and Performance of Medical Representatives”**: ASM’s International E-Journal on ‘Ongoing Research in Management & IT’ (January 2016), 2320-0065, January 01, 2016.
13. **“The Upside of Job Hopping Among Medical Representatives in India.”**: International Journal of Research in Commerce & Management (Vol. 6, Issue 1, January 2015), 0976-2183, January 01, 2015.
14. **“Prevalence Evidence based Management in Pharmaceutical Sales Management in India”**: BITS, Pilani (March 2015), 978-93-84935-18-4, March 10, 2015.
15. **“Agritourism In India: Understanding the Consumer Opportunity”**: International Journal of Research in Commerce & Management, 6(12). (ISSN 0976-2183), December 10, 2015.
16. **“Advertising and Ethical Theories –A Comparative Study of Select Campaigns”**: International Journal of scientific research and management (IJSRM) || Volume || 3 || Issue || 11 || Pages || 3701-3709 || 2015 || Website: www.ijstrm.in ISSN (e): 2321-3418, March 10, 2015.
17. **“Patent Data – an Input to Management for Decision Making”**: ASM’s International E-Journal on ‘Ongoing Research in Management & IT’ E-ISSN – 2320-0065, GENERAL MANAGEMENT Volume – 2, pp 95-104, September 10, 2015.
18. **“Study of Patents Filed in India in Mechanical Engineering Sector”**: Journal of Intellectual Property Rights Vol 20, September 2015, pp 305-319, ISSN: 0975-1076 (Online); 0971-7544, September 10, 2015

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