



Dr. Kishor R. Kolhe

Corresponding Address

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Educational Qualification

➤ **Ph. D. (Computer Engineering)**

University: Shri Jagdishprasad Jhabarmal Tibrewala University, Jhunjhunu – 333 001, (Rajasthan State), India
Topic: Generic Algorithm with Mathematical Evaluation for Quality Assurance of Real Time Applications
Year of Passing: August 2013

➤ **M. Tech. (Information Technology)**

Institute: BVDU College of Engineering, Pune – 411 043 (M.S.)
University: Bharati Vidyapeeth Deemed University, Pune–411 030, (M.S.), India
Year of Passing: November 2010.

➤ **B. E. (Electronics)**

Institute: S.G.G.S. College of Engg. & Tech., Nanded – 431 606, (M.S.), India

Experience (28 + years)

Teaching (17 + years)

Industry (11 years)

Current Academic and Administrative Responsibilities

1. PG Program Coordinator of School of Computer Science and Engineering and Coordinator M. Tech., CSE, Cyber Security Specialization in Department of Computer Engineering and Technology, Dr. Vishwanath Karad MIT World Peace University, Pune
2. Member, Advisory Committee for "Digital Transformation of MITWPU", Dr. Vishwanath Karad MIT World Peace University, Pune
3. Member, IT Infrastructure Committee, Dr. Vishwanath Karad MIT World Peace University, Pune
4. Member, Advisory Committee Examination, Dr. Vishwanath Karad MIT World Peace University, Pune

Teaching Experience

- Current Designation: Associate Professor
Duration: 01.09.2013 to till date
School of Computer Engineering and Technology, Dr. Vishwanath Karad MIT World Peace University, Pune.
- Designation: Assistant Professor
Duration: 29.06.2012 to 31.08.2013
Department of Information Technology, MIT College of Engineering, Kothrud, Pune.
- Designation: Associate Professor
Duration: 01.11.2011 to 28.06.2012
Department of Information Technology, Trinity College of Engineering and Research, Pune.
- Designation: Assistant Professor
Duration: 11.07.2011 to 31.08.2011
Department of Information Technology, Trinity College of Engineering and Research, Pune.
- Designation: Lecturer
Duration: 01.04.2009 to 04.07.2011
Department of Information Technology, Bharati Vidyapeeth University College of Engineering, Pune.
- Designation: Lecturer

University: Dr. Babasaheb Ambedkar Marathwada University, Aurangabad-431004, (M.S.), India.
Year of passing: June 1996

➤ **CCNA (Cisco Certified Network Associate)**

Institute: Cisco Career Certifications & Training, Cisco Systems Inc. USA
Year of passing: October 2001

Major Subjects Taught to BE/B. Tech and ME/M. Tech students

Computer Networks, Information Assurance and Security, Computer Communication and Networks, Artificial Intelligence, High Performance Computer Networks, High Performance Networks, Network Security and Cryptography, Advance Computer Networks, Computer Network Technology, Internet of Things, Information Security, Wireless Communication Technologies, Network Management and Performance Evaluation, Network Attacks and Defense Mechanism, Applied Cryptography, Vulnerability Assessment and Penetration Testing, Industrial IoT Security, Blockchain Technology, Distributed Networks and Blockchain Technology.

Research Interest

Energy, Environment, Transport, Healthcare, ICT in Agriculture, Internet of Things, Software Engineering, Network and Security, Blockchain Technology

Ph.D. Supervisor

MIT World Peace University, Pune, Guiding 02 Research Scholars

Duration: 27.01.1998 to 08.09.1999
Department of Computer Engineering, MAEER's M.I.T. (Maharashtra Institute of Technology), Pune.

Industry Experience

- Designation: Deputy Manager
Duration: 01.10.1999 to 31.03.2009
Prepress (IT) Department, The Times of India, Pune.
- Designation: Service Engineer
Duration: 02.01.1997 to 31.12.1997
Electronics Department, Sakal Papers Ltd., Pune.
- Designation: Trainee Engineer
Duration: 01.07.1996 to 31.12.1996
Production Department, Finolex Cables Ltd., Pune-Mumbai High-Way, Pimpri, Pune.

Academic and Administrative Responsibilities handled at MIT, MITCOE and MITWPU

- Designation: CEO (College Examination Officer), MIT College of Engineering, Pune,
Duration: 18th April 2014 to June 2023.
- Member Sub-Purchase committee for Purchase of IT Software/Hardware, Dr. Vishwanath Karad MIT World Peace University, Pune
Duration: July 2018 to January 2020.
- Member Branding Committee, Dr. Vishwanath Karad MIT World Peace University, Pune.
Duration: July 2017 to January 2019.
- Member Academic Monitoring Committee, Department of Information Technology, MIT College of Engineering, Kothrud, Pune.
Duration: June 2018 to May 2019.
- System Engineer, Department of Computer and E & TC Engineering, MIT, Kothrud, Pune.
Duration: 10.11.1998 to 08.09.1999.

Responsibilities handled other than MIT

- **Head of Department of Information Technology** in Trinity College of Engineering from 19.04.2012 to 28.06.2012.

ME/M. Tech Project Guidance

Guided 18 ME/M. Tech students.
Currently guiding 02 student

BE/B. Tech Project Guidance

Guided 68+ BE/B. Tech students.
Currently guiding 04 students

STTP/Workshop Organized

1) **Coordinator for Hands on workshop on Cyber Security** for the students of M. Tech. CSE, NMCS, 1st and 2nd year on 29th September, 2019

2) **Convener for Hands on Workshop on “Unified Network Communication”** in MITCOE, Pune, on 01-02 September, 2014.

Workshop/Webinar Organized for students

1) **Coordinator for Webinar on “Advanced Cyber Attacks and Remediation”**

For the Students of T.Y. B. Tech. (CSE) and F.Y. M. Tech. (CSE-NMCS), School of Computer Engineering and Technology, MIT WPU, Pune on 12th December 2020.

2) **Coordinator for Workshop on “Project Execution Methodology”** for BE-IT students in MITCOE, Pune, Duration: 1 Day [16th July, 2014]

Workshop organized for faculties

1) **Coordinator for expert Talk on “KNOW HOW BLOCKCHAIN IS CHANGING YOUR WORLD, Making You Future Ready!”** For the Students and faculty members of Engineering and Management. 5th September, 2020.

- **System In-charge** of the Institute and CPC (Centre for Professional Courses), Bharati Vidyapeeth University College of Engineering, Pune from 01.04.2009 to 04.07.2011
- **Head of Prepress (IT) Department**, The Times of India, Pune from 01.10.1999 to 31.03.2009.

PUBLICATIONS Total-77

International Journals	: 33
International Conference	: 22
National Journal	: 01
National Conference	: 18
Books and Book Chapters	: 03

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Copyrights	: 01
Patents Granted	: 03
Patents Published	: 02

Recent publications in SCI/SCIE/ESCI, Scopus Indexed, peer reviewed Journals and IEEE Conference

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- Krunal Intwala, Kishor Kolhe, "Budget Concerned Anti-drone System with Wifi Connectivity", NeuroQuantology, Volume 20 Issue 9, pp. 5380-5387, September 2022. doi: 10.14704/nq.2022.20.9.NQ44626
[Indexing: Scopus, Q3]
 - Balaso Jagdale, Shounak Sugave, Kishor Kolhe, “Design and Analysis of Fabrication Threat Management in Peer-to-Peer Collaborative Location Privacy”, International Journal of Computer Science and Network Security (IJCSNS), ISSN: 1738-7906, Volume 21 Issue 12, pp. 399-408, December 2021. URL: http://paper.ijcsns.org/07_book/202112/20211255
[Indexing: ESCI (WoS), Q2]
 - R.G. Pawar, Dr. S. U. Ghumbre, Dr. R. R. Deshmukh, Dr. K. R. Kolhe, “A Hybrid Approach towards Improving Performance of Recommender System Using Matrix Factorization Techniques”, International Journal of Future Generation Communication and Networking (IJFGCN), ISSN: 2233-7857, Volume 13, Issue 4, pp. 467-477, September 2020. URL: <http://www.sersc.org/journals/index.php/IJFGCN/article/view/32030> [Indexing: ESCI (WoS), Q4]

2) Convener for faculty development program Software Laboratory – IV, Computer Network Technology In association with BoS Information Technology, SPPU, Pune on 02-03 January, 2018

Conference Organized

Organizing Co-Chair for the National Conference on “Information Theory and Communication Networks” NCITCN-2014 at MITCOE, Pune on 3rd and 4th January, 2014.

Organizing committee member for “IEEE international conference on Hybrid Intelligence Systems, HIS 2012” in MITCOE, Pune, India, Duration: 3 Days [December 5 - 7 2012]

Technical Committee Member for “International Conference on “Nano Technology – Materials & Composites for Frontier Applications” in BVDUCOE, Pune, India, Duration: 2 Days [14, 15 October 2010]

Resource Person, Conference and Ph.D. Thesis Reviewer

(i) As a Resource Person in ISTE STTP on “Research Areas in Information Technology” organized by Bharati Vidyapeeth’s College of Engineering, Kolhapur, for the session “Research Areas in Cloud Computing” on 21st December, 2013

(ii) Conference Reviewer and session chair: 6 Conferences

(iii) Ph.D. Thesis reviewed: 02

- Priyanka R. Balage, Dr. Kishor R. Kolhe, “Generation of E-Certificates using Custom Blockchain for Peer to Peer Network”, International Journal of Future Generation Communication and Networking (IJFGCN), ISSN: 2233-7857, Volume 13, Issue 3s, pp. 1677–1684, July 2020. URL: <http://www.sersc.org/journals/index.php/IJFGCN/article/view/29408> [**Indexing: ESCI (WoS), Q4**]
- Nikhil Bhomia, Kishor Kolhe, “Anti-Theft Hybrid Solution for Tracking & Locating Mobile Devices with Data Security”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume 8, Issue 2S3, pp. 696-699, DOI: 10.35940/ijrte.B1129.0782S319, July 2019. URL: <https://www.ijrte.org/wp-content/uploads/papers/v8i2S3/B11290782S319.pdf> [**Scopus, Q4**]
- Samiksha Nakashe and Kishor Kolhe, “Effective approach to crawl web interfaces using a two stage framework of crawler”, International Journal of Engineering and Technology (IJET - UAE)[Scopus], vol. 4, no. 6, pp. 550-553, September, 2018. [**Scopus, Q4**]
- Samiksha Nakashe and Kishor Kolhe, “Smart Approach to crawl Web Interfaces with Personalized Search and Domain Classification Concept”, International Journal of Computer Engineering and Applications (IJCEA)[**UGC Approved**], vol. 12, Special Issue, pp. 1-8, May, 2018.
- Md Zafruddin, Vishal Hanwate, Prasen Rokade, Kishor Kolhe, “Two Factor Data Security Protection Mechanism for Web Based Cloud Services”, DOI:10.15680/IJRSET.2018.0704095, Vol. 7, Issue 4, pp. 3847-3850, April 2018,
- Samiksha Nakashe and Kishor Kolhe, “Smart approach to crawl Web Interfaces using A Two Stage Framework of Crawler”, 4th IEEE International Conference on Computing, Communication, Control and Automation (ICCUBE-2018, Pune), ISBN: 978-1-5386-5257-2 **IEEE Explore, August 2018.**

Projects completed, MoUs, Consultancy and Grant

- **IISER Pune and MIT-World Peace University (MIT-WPU)** Worked on a collaborative project which aims to use AI/ML to analyze and produce insights from the large amount of data generated by Earth Observation Systems such as satellites and reanalysis datasets. The first such project was aimed at collating and processing Land Surface Temperature (LST) data from satellites which will be used

for generation of high-resolution maps of heat stress across South Asia. Completed the project along with 3 students.

Duration: from 01.07.2020 to 01.10.2020

- Completed **Consultancy and Development** of prototype model for Production Monitoring System using IoT and Industry 4.0 standards for Improsys Technologies, Akurdi Pune – 411035. (Project duration 06.06.2019 to 31.08.2019).
- Completed Corporate Technology Training for Sales Force of Redington India Ltd.

Funding Agency: Redington India Ltd.

Total Amount: Rs. 100000/-

Duration: on 06.12.2019, 14.12.2019 and 15.12.2019

- Completed Consultancy Project To provide Solution to OEE (Overall Equipment Effectiveness) improvement for Manufacturing industries.

Funding Agency: Improsys Technologies, Akurdi, Pune – 411035

Total Grant: Rs. 1,28,000/-

Duration of Project: Started from 31st May 2023 to July 2024

- **SPOC for MoU** between School of Computer Engineering & Technology, Dr. Vishwanath Karad MIT World Peace University, Pune (MIT-WPU) and Comsolve Mediatech Pvt. Ltd., Pune, for an Academic Collaboration between each other.
- Worked on **“Unified Hybrid WAN”** Project in The Times of India, Pune: This project included innovative design and integration of various WAN technologies like RF, Point to Point, ISDN, MPLS, PTI Service.
Role in the project: Lead
Duration: from 01.10.2000 to 01.03.2001

Personal Details

Date of Birth : 09.10.1973

Sex : Male

Marital Status : Married

Nationality : Indian

Passport No. : G7026990

Dr. Kishor R. Kolhe
Associate Professor in CSE, SoCSE, DCET MIT WPU, Pune