Curriculum Vitae



Name: Ms. **Dipa D Dharmadhikari**

**Address**: Guruprasad Nagar, phase1,f-4,Beed bypass, near Guru lawns, Aurangabad

**E-mail:** dipa.dharmadhikari@mit.asia

**Academic Credentials**

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| **Class/**  **Degree** | **Specialization** | **Institution** | **University** | **Year** | **Class** |
| **PhD**  ( under guidanc of Dr. Sharvaree Tamane | Computer Science and Engineering | Dr. BAMU,University,Aurangabad | Pursuing | Mar 2021 |  |
| **ME** | M. E. CSE | Government Engineering College, Aurangabad. | Dr. Babasaheb Ambedkafr Marathwada University, Aurangabad | May 2010 | *Distinction* |
| **BE** | B. E. CSE | Terna Public Charitable Trust College of Engineering, Osmanabad | Dr. Babasaheb Ambedkafr Marathwada University, Aurangabad | July 2001 | *Distinction* |

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| **M.E (CSE)** | |
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| **Title** | Maximum Power Point Tracking Algorithm For Photovoltaic System Using Simulation | |
| **College** | Government Engineering College, Aurangabad, MS | |

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| **Ph. D (CSE)** | |
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| **Title** | Augmented Public Integrity Auditing Scheme for Dynamic Cloud group Revocation |
| **Guide** | Dr. Sharvaree C Tamane |
| **University** | Dr. BAM University, Aurangabad |
| **Completed** | Pursuing |

Key Research Areas: Cloud Computing, Cloud Security

**Experience**

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| Sr. No. | Organization | Post | From-To | No. of Years |
| 1 | MIT, Aurangabad | Assistant Professor | 2011-till date | 11 yrs |
| 2 | VJWEC, Aurangabad | Assistant Professor | 2010-2011 | 7 yrs |
| 3 | MSS, Jalna | Lecturer & HoD (CSE) | 2005-2010 | 5 yrs |
| 4 | Amrutvahinin, Sangamner | Lecturer | 2001-2005 | 5 yrs |

**List of Courses Taught/Teaching at UG level:**

* Introduction to Artificial Intelligence
* Design and Analysis of Algorithm
* Theory of Computation
* Database Management System
* Principles of Compiler Design
* Computer Fundamentals and Programming
* System Programming
* Discrete Mathematical Structure
* Data Mining

**List of Courses Taught/Teaching at PG level:**

* Cloud Computing
* Introduction to A.I.

**Additional Assignments/Duties:**

* f the Computer Science and Engineering Department

**Membership of Professional Bodies:**

* Life member of ISTE LM 30050
* Life member of CSI # 00100501

**Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Attended:**

**WORKSHOPS ATTENDED**

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| Sr. No. | Name Of Training Program | Topic / Subject / Area | Venue | Year |
| 1 | Workshop on MATLAB | MATLAB | Mss College of Engineering & Technology,  Aurangabad | 16th April 2006 |
| 1 | workshop on Faculty Development Program | FDP | Hitech, Aurangabad | 2010 |
| 2 | Research directions in Cloud Computing  Organized by Dyanganga Institute of Engg. And research , Pune & CSI | Cloud Computing | Dyanganga Institute of Engg. And research , Pune | From 15/11/11 to 16/11/11. |
| 3 | Research Methodology and Advances in computer Science Organized by CSI and Department of Computer Science & Engg. and Department of Information Technology, MIT , Aurangabad . | Research Methodology and Advances in computer Science | MIT , Aurangabad | 30th April to 5th May 2012 |
| 4 | ISTE workshop on “Introduction to Research Methodologies” conducted by IIT-Bombay with MIT(E) as remote center | Research Methodology | MIT , Aurangabad | 25th June to 4th July 2012. |
| 5 | ISTE Workshop on Aakash for Education | Akash Tablet Training | MIT , Aurangabad | November 10th,& 11th, 2012 |
| 6 | Model based design and development  Organized by CSI Aurangabad chapter | Model based design and development | Hotel Vit’s , Aurangabad | 1st & 2nd Feb 2013 |
| 7 | Two-week ISTE workshop on “Database management systems” conducted by IIT-Bombay with MIT(E) as remote center | Database management systems | MIT , Aurangabad | May 21st to 31st May 2013 |
| 8 | FDP on organized by MIT A and CSI Aurangabad Chapter | Faculty and Content development | MIT , Aurangabad | 8th July 2013 to 10th July 2013. |
| 9 | 48th Annual Convention Computer Society of India | 48th Annual Convention Computer Society of India | Vishakhapatnam |  |
|  | Three Days Workshop  On  “Blockchain Fundamentals” |  |  | 2nd July to 4th July 2019  Sponsored by TEQIP III |
| 10 | Young IT Professional Award and  Conference on Recent trends in IT | Young IT Professional Award and  Big data, Hadoop, Microsoft MEC, Windows Phone App Development, Project X | ICAI,Aurangabad | 28th Feb and 1st March 2014 |
|  | Emerging Technologies in Open Source | Open Source |  | 27/06/2016 to 1/07/2016 |
| 11 | STTP on Big Data Analytics conducted by P.E.S , and sponsored IETE Aurangabad | Big Data Analytics | PES, Aurangabad | 2nd June to 6th June 2014 |
|  | Faculty Development Program (FDP) on Java | Advanced Java | MIT Aurangaabad | 2/01/2017 to 7/01/2017 |
|  | Short Term Taining Program (STTP) on Cloud Computing & Virtulization | Cloud Computing & Virtulization | JNEC | 26/06/2017 to 30/06/2017 |
|  | Faculty Development Program (FDP) | Cyber Security | MIT BTECH Aurangabad | 28 January 2017,4th Feb-11 Feb 2017 |
| 12 | Latest Technology Trends in IT | Latest Technology Trends in IT | Infosys,Pune | 10th Sept to 12th Sept 2014 |
| 13 | Workshop on Core Java & Advance Java | Core Java & Advance Java | Mitu Skillologies, Pune | 2/01/2017 to 7/01/2017 |
| 14 | Short Term Training Program on Big Data and Analytics with R | Big Data and Analytics with R | Mitu Skillologies, Pune | 4/06/2016 to 9/06/2016 |
|  | Two Days Workshop on Python | Python | MIT Aurangaabad | 9/08/2015 to 10/08/2015 |
|  | Five Days Workshop on Computer Network | Workshop on Computer Networks In association With IIT Bombay | MIT Aurangaabad | 5/5/2014 to 10/05/2014 |

**ORGANISING WORKSHOP/CONFERENCES**

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| Sr. No. | Name | Venue | Year |
| 1. | CSI Aurangabad Student Branch formed | MIT(E) | 2011 |
| 1 | Cloud Computing Workshop | MIT(E) | Feb 2012 |
| 2 | Expert Talk on Virtualization | MIT(E) | April 2012 |
| 3 | Expert Lecture “Interaction with students about CSI Activities” | MIT(E) | Aug 2012-13 |
| 4 | “Motivational Talks | MIT(E) | Oct 2012-13 |
| 5 | “Microsoft Appfest Event” One Day workshop 26/2/2013 | MIT(E) |  |
| 6 | One Day Workshop on “Electronics System Design &Manufacturing” | MIT(E) | March 2012-13 |
| 7 | Three Days Faculty Development on “Faculty &Content Development | MIT(E) | July 2013-14 |
| 8 | One day hands on workshop on cloud computing | MIT(E) | Aug 2013-14 |
| 9 | One day workshop on ethical hacking | MIT(E) | Sept 2013-14 |
| 10 | Expert Talk on Digital Image Processing | MIT(E) | October 2013-14 |
| 11 | Young IT Professional Award and  Conference on Recent trends in IT | ICAI,Aurangabad | 28th Feb and 1st March 2014 |
| 12 | Inter college Symposium on Video Clipping Competition | MIT Aurangabad | 8th August to 9th August 2014 |
| 13 | One Day workshop on Big Data Analytics | MIT Aurangabad | 9th August 2014 |
| 14 | State Level Event “Cybernetics” | MIT Aurangabad | 10th October & 11th Oct 2014 |
| 15 | 48th hours workshop on Aptitude & Communication Skill | MIT Aurangabad | 2nd Feb to 19th April 2015 |
| 16 | Regional & National Young IT Professional Award | JNEC Aurangabad | 25th March 2015 |
| 16 | One Day workshop on Open Source Testing tool Selenium | MIT Aurangabad | 18th April 2015 |
| 17 | Big Data and Analytics with R | MIT Aurangabad | 4/06/2016 to 9/06/2016 |
| 18 | State Level event Cybernetics | MIT Aurangabad | 7/10/18 to 8/10/16 |
| 19 | Workshop on Hands on Session on Python | MIT Aurangabad | 19/8/2016 to 22/08/2016 |
| 20 | Keynote Address on Big data and Analytics | MIT Aurangabad | 9/9/2017 |
| 21 | Expert Talk on Introduction of TRIRIGA Technology | MIT Aurangabad | 06/09/2017 |
| 22 | Three days workshop on Python | MIT Aurangabad | 26/08/2017 to 28/08/2017 |
| 23 | Three Days Workshop on IoT | MIT Aurangabad | 29/07/2017 |

**Invited talks delivered**

* Delivered workshop on Cloud Computing, MIT, Department of Electronics & Telecommunication Engineering,17th June 2022.
* Syllabus designed for subject Cloud Computing Bachelor of Vocation In Software Development, 21st Oct 2022 at MIT
* Syllabus designed for subject Artificial Intelligence and Application (Btech AIML) University Department of Information and Communication Technology 6th may 2021
* Dr. Babasaheb Ambedkar University, Aurangabad, 2014-15
* Delivered Workshop on Cloud Computing, Dnyanshree Institute of Engineering & Technology (DIET) Sajjangad Road, Satara ,15th Dec 2020
* Delivered one day expert talk on “Cloud Computing Devgiri Institute of Engineering and Management Studies Aurangabad,22nd Aug 2017
* Delivered one day workshop on “Cloud Databases “Raisoni College of Engineering, Pune,17th Aug 2017

**Intellectual Property Rights**

**Detail of Patent**

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| --- | --- | --- | --- | --- | --- | --- |
| S.No | Patent Title | Name of Applicant(s) | Patent No. | Award Date | Agency/Country | Status |
| 1 | A secure cloud-based e-healthcare system for a multi-tenant | Ms. Dipa Dharmadhikari | 202022100359 | 10/03/2022 | German | Published |

**List of Research Publications**

**Papers in National /International Conference Proceedings**

* Dipa Dharmadhikari, Sharvaree Tamne , “ Secure Cloud Based E-HealthCare System using Ciphertext-Policy Identity-Based Encryption (CP-IBE) ”, Smartcom 2019, Bangkok, Thailand, 24-25 Jan 2019
* Priyanka Patil, Dipa Dharmadhikari, Smita Kasar, “Scheduling of Scientific Workflows using Genetic Algorithm in Cloud Computing”, presented in International Conference on Smart Computer Applications and Innovations (ICSCAI 2018), 21st - 22nd December, 2018 to be published in Journal of Computational and Theoretical Nanoscience
* Dipa Dharmadhikari,Sharvaree Tamne.: Public Auditing Schemes(PAS)for Dynamic Data in Cloud: A Review , Springer, SmartCom 2017,CCIS 876, pp.186-191 (2018).
* Promoting Distributed Accountability for Data sharing in the Cloud” at RICE Conference April 2016.
* Multi-server Model for Profit Maximization in Cloud Computing”, at RICE Conference April 2016
* Cloud Auditing with Zero Knowledge Privacy selected for International conference on Recent Trends in Engineering & Technology 2014 powered by ELSEVIER at SNJB Chandwad on 28th to 30th March,2014
* Maximum Power Point Tracking Algorithm For Photovoltaic System Using Simulation” selected for International Conference on ICSCI-2010” organized by Pentagram Research Centre on January 27-30 2010

**Papers in National/ International Journal**

* Aditi Jadhav,Prof. D. D. Dharmadhikari,Kanchan Bhale,“ Sign Language Recognition Using CNN”, Journal of Emerging Technology and Research Innovation.Volume 9, Issue 9, September 2022
* Dipa Dharmadhikari, Sonal Navpute, Collaborative Filtering Based Web Service Prediction & Recommendation”, International Journal of Innovative Research Volume 11, Issue 7, July 2022
* Pooja S. Kulkarni, Dipa D. Dharmadhikari,”Age and Gender Estimation based on Face Detection at International Journal of All Research Education and Scientific Methods, International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 9, Issue 11, November-2021
* AshwiniR.Khandarkar, Ms.DipaD.Dharmadhikari,”optimizing Provider bandwidth and user latency in a software-defined datacenter
* Key Policy Attribute Based Encryption in Cloud Storage” at IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 18, Issue 4, Ver. I (Jul.-Aug. 2016), PP 00-00
* Security and Privacy Enhancing using Multicloud” at published in Volume 5, No.5, Sept.-Oct 2015, issue of JCER.
* Secure Data Sharing Using Compact Summation key in Hybrid Cloud Storage” is published in IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661,ISSN: 2278-8727, Volume 17, Issue 1, Ver. I (Jan – Feb. 2015), PP 53-59, Jan-Feb 2015.
* Promoting distributed policy enforcement and accountability for data sharing in the cloud “is published in Multidisciplinary Journal of Research in Engineering and Technology ISSN:2348-6953, Volume 1, Issue3, Pg.279-287 Oct 2014.
* Web Personalization Using Ontology: A Survey” is published in IOSR Journal of Computer Engineering (IOSRJCE), Volume 1, Issue 3 ISSN : 2278-0661 PP 37-45,May-June 2012
* Educational Decision Making Based On GIS is published in International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878 Volume-1, Issue-1, April 2012
* Clustering With Multi-Viewpoint Based Similarity Measure: An Overview is published in International Journal of Engineering Inventions (IJOEI), ISSN: 2278-7461 Volume 1, Issue 3.Sept 2012.
* The statistical analysis of audio watermarking using the discrete wavelets transform and singular value decomposition” is published in International Journal of Computing & Corporate Research (IJCCR) ISSN(online)2249-054X Volume-2, Issue-1, January 2011
* Classification of Schizophrenic and Controls Using Fmri data” is published in International Journal of Computing & Corporate Research (IJCCR) ISSN(online)2249-054X Volume-1, Issue-2, Sept 2011.
* Mobile Asset Management System” is published in international Journal of Graphics & Image Processing| (IJGIP) ISSN 2249 – 5452 Vol-1,Issue -1,August 2011
* Maximum Power Point Tracking Algorithm For Photovoltaic System Using Simulation” at International Journal of Graphics & Image Processing| (IJGIP) ISSN 2249 – 5452 Vol-1,Issue -1,August 2011
* Evolutionary Computation” selected for international conference on Advance in Computing at Anuradha Engineering college, Chikali on Feb 2008.

**NPTEL Certification**

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| Duration (in Weeks) | Course Name |
| 12 | Academic writing |
| 12 | Cloud Computing |

Date: 09th Jan 2023

Place: Aurangabad