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| Name                                  | MR. ONKAR DATTARAM DIKE  |  |
| Designation                           | Assistant Professor  |  |
| Department                            | Information Technology   |  |
| Date of Joining the Institute         | 18/11/2016   |  |
| Education                             | B.E. Computer Engineering  |  |
|                                       | M.Tech CSE   |  |
|                                       | PhD Pursuing   |  |
| Branch / Specialization               | Computer Engineering   |  |
| Areas of Interest / Research Interest | Cloud Computing, Computer Security, Operating Systems, Artificial Intelligence(AI) |  |
| Email                                 | omkar.dike@famt.ac.in  |  |



| Academic Appointments   |                               |                     |
|---|-------------------------------|---------------------|
| Name of the University / Institute/ Industry                              | Duration                      | Designation         |
| Finolex Academy of Management and Technology, Ratnagiri                   | From 18/11/2016 to till date  | Assistant Professor |
| Rajendra Mane College of Engineering and Technology,Ambav, Devrukh        | From 12/02/2014 to 15/11/2016 | Assistant Professor |
| Rajaram Shinde Institute of Engineering and Technology, Pedhambe, Chiplun | Feom 1/11/2010 to 11/02/2014  | Lecturer            |
| Total Experience – 13 Years   |                               |                     |



## **Books / Book Chapter - 01**

**"Cryptography and System Security (CSE Core) ",Nirali Prakashan, Pune, India, ISBN -978-81-19116-50-8**

**"Cryptography and System Security (CSE AI & ML) ",Nirali Prakashan, Pune, India, ISBN -978-81-19116-23-2**

**"Infrastructure Security (IT) ",Nirali Prakashan, Pune, India, ISBN -978-81-19883-01-1**

## **Students projects Guided at UG Level**

1. Online Exam proctoring System
2. Spy Robot with Wireless Camera Using Android Application
3. Home Appliance Security using Artificial Intelligence

## **Papers Published**

### **Papers Published in National / International Journals**

#### **International Journals – 13**

1. "ONLINE EXAM PROCTORING SYSTEM" in International Journal of Research and Analytical Reviews (IJRAR),DOI: 01/04/2023 ISSN: 2349-5138
2. "Spy Robot with Wireless Camera Using Android Application" in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), DOI:10.15680/IJIRSET.2022.1102063
- 3.
4. "Home appliance security using artificial intelligence (Smart Door Lock Using Wi-Fi)" in International Journal of Engineering Research and Applications ISSN: 2248-9622, Vol. 12, Issue 2, (Series-I) February 2022, pp. 18-20
5. "Desktop Handling Using ASL" In Iconic Research & Engineering Journal (IRE), May 2021, ISSN: 2456-8880.
6. "Internet Radio: A web application for live event streaming" in International Journal of Scientific Development and Research (IJS DR) in March 2020, ISSN: 2455-2631.
6. "Android application Development for training and placement system" in International Conference on Advance Trends in Engineering, April 2019, New Mumbai.
7. "Communication Agent for Students Using AI", in Universal Review Journal, Volume 7, Issue X, OCTOBER/2018, ISSN NO : 2277-2723.
8. "Student Information Chatbot System" in Journal of Emerging Trends and Innovative Research , March 2019, Volume 6,Issue 3,ISSN-2349-5162.
9. "Campus Guiding with Voice Output" in international journal for science and advance research in technology, Volume 3,Issue10, October 2017, ISSN-2395-1052.
10. "Campus Guiding With Voice Output" in International Journal of Applied Information Systems, May 2017, ISSN : 2249-0868.

11. "Survey on Desktop Handling Using ASL" in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), December 2020, 2319-8753
12. "MORE SECURE AND PRIVATE ENHANCEMENT OF ARCHITECTURE IN CLOUD COMPUTING" in International Journal of Computer Engineering and Applications, Volume VIII, Issue III, December 2014
13. More Secure and Private Enhancement of Architecture in Cloud Computing" in International Journal of Enhanced Research in Management & Computer Applications, Volume 3, issue 5, May 2014, ISSN: 2319-7471.

### Number of Workshops, Seminars, STTPs, FDPs Attended

#### STTP / FDPs

Completed One Week FDP on **"Recent Trends in AI"** conducted during **11th Jan 2022 to 17th Jan 2022** organized by RMCET Ambav, Devrukh.

Completed ISTE Approved Eight Days FDP on **"AI Algorithms and Applications in Healthcare"**, organized by Department of Electronics and Telecommunication Engineering, FAMT, Ratnagiri, from 19 June to 23 June 2023

Completed two weeks **ISTE Approved** Short Term Training Programme (STTP) on **"Advancement's in Cryptography, Blockchain and Cryptocurrency"** Conducted during **5<sup>th</sup> to 16<sup>th</sup> December, 2022** organized by Finolex Academy of Management and Technology, Ratnagiri

Participated and Completed ISTE approved One week Online FDP on **"Recent Trends Information Technology"** Organized by Finolex Academy of Management & Technology, Ratnagiri, Maharashtra, from 16th May to 20th May 2022.

ISTE approved One Week STTP on **'Designing IOT based Applications for Smart Cities'** Organized by Department of Information Technology, Finolex Academy of Management and Technology, Ratnagiri from 29<sup>th</sup> Jan 2018 to 2<sup>nd</sup> February 2018.

Completed 2-Week STTP on The **Teacher Education Program on the 21st Century Learning** organized by Information Technology department, Finolex Academy of Management and Technology, Ratnagiri from 3rd May to 15th May, 2021.

Completed **1-week online FDP** on **"Exploring the Dimensions of Innovation, Incubation and Emerging Technologies to embrace Post COVID changes"** organized by department of Mechanical Engineering of Finolex Academy of Management and Technology, Ratnagiri from 08/06/2020 to 12/06/2020.

Completed a **1-week FDP** on **Usage of Technology in COVID-19** organized by Department of Information Technology, Terna Engineering College, Navi Mumbai in association with L & D Technology, Pune from 28/05/2020 to 02/06/2020.

### Two Week or One Week Workshops

Attended one week ISTE STTP on “**Open Source Solutions in Teaching Learning Process**” at Finolex Academy of Management & Technology, Ratnagiri from 24th June 2019 to 8th June 2019

Attended a One Week ISTE STTP on “**Designing IOT Based Applications for Smart Cities**” organized by Department of Information Technology at FAMT, Ratnagiri from 29-Jan-2018 to 02-Feb-2018

Attended Two Week ISTE workshop on ‘**Pedagogy for Online Blended Teaching-Learning process**’ Conducted by IIT Bombay under the National Mission on Education through ICT from 3rd August 2017 to 12th October 2017.

### Other Experience

#### College Level Administrative Responsibilities

Working as a **Head of Industry Institute Interaction Cell (IIIC)** of Finolex Academy of Management and Technology, Ratnagiri.

Working as a **Member** of Career Counseling Cell for FAMT.

Working as a **Training and Placement Coordinator** for the IT Department.

Working as a **Conveyer of E-Waste Management Committee**.

Worked as a **System Head** for **FAMT**.

### Subject Taught

| Sr. No. | Name of the Subject             | Year/Branch/Semester            | Experience |
|---------|---------------------------------|---------------------------------|------------|
|         | Cloud Computing                 | BEIT(Sem-VIII),<br>TEIT(Sem-VI) | 2 Years    |
|         | Artificial Intelligence         | BEIT(VII)                       | 3 Year     |
|         | C Programming                   | FE(Sem-II)                      | 6 Years    |
|         | Entrepreneurship and E-Business | TEIT (Sem – V)                  | 2 Years    |