RESUME

1. Personal Information:

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| * **Name:- Dr. Amit Jaykumar Chinchawade.**
* **Date of Birth:- 06/12/1982.**
* **Phone Numbers:- 9970700801.**
* **E-mail:** **amitchinchawade@gmail.com**, **amitchinchawade@sitcoe.org.in**
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2. Academic Qualifications:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No** | **Course/Degree** | **University/Board** | **Year of Passing** |
| 1) | Ph.D (Electronics & Communication) | Suresh Gyan Vihar University, Jaipur. | 2022 |
| 2) | M.E. (VLSI & Embedded Systems.) | Pune University, Pune | 2016 |
| 3) | B.E (E&TC) | Shivaji University , Kolhapur. | 2010 |
| 4) | Diploma (E&TC) | MSBTE, Mumbai. | 2006 |

3. Employment Record:

1. **Academic Record:**

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| --- | --- | --- | --- | --- | --- |
| **Sr.No** | **Institute** | **Designation** | **Status** | **Duration** | **Total Years** |
| **From** | **To** |
| 1) | Sharad Institute ofTechnology College of Engineering, Yadrav | Program Coordinator | Regular | 01/07/2023 | Till Date | - |
| 2) | Sharad Institute ofTechnology College of Engineering, Yadrav | Academic Coordinator | Regular | 01/07/2022 |  31/06/2023 | 1 Year |
| 3) | Sharad Institute Of TechnologyPolytechnic, Yadrav | HOD | Regular | 01/01/2018 | 30/06/2022 | 4.5Years |
| 4) | Sharad Institute Of TechnologyPolytechnic, Yadrav | Lecturer | Regular | 02/05/2014 | 31/12/2017 | 3.5Years |

1. **Industry Record:**

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| --- | --- | --- | --- | --- | --- |
| **Sr.No** | **Organization** | **Designation** | **Status** | **Duration** | **Total****Years** |
| **From** | **To** |
| 1) | CMS Infosystems Pvt.Ltd. Mumbai. | TraineeEngineer | Permanent | Aug 2010 | June 2011 | 1 Year |
| 2) | IBM Netsol Pvt. Ltd. Mumbai. | System Engineer | Permanent | July 2011 | Feb 2012 | 1 Year |
| 3) | AXA Technology Pvt. Ltd. Pune. | Incident Management | Permanent | Feb. 2012 | Apr 2014 | 2 Years |

4. List of International/National Journal Publications:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr.****No.** | **Title of Paper Research Paper** | **Name of Journal** | **Link of journal** | **Month/Year/ Vol. of research paper** | **Indexing of Journal** |
| 1 | A survey on Li-Fi based audio transmission with home / office automationsystem. | International Journal of Engineering Research and GeneralScience | <http://ijergs.org/> | Volume 4, Issue4, July-August, | UGC2016 ISSN2091-2730 |
| 2 | Li-Fi Based Audio Transmission With Home/Office Automation System | International Journal of Innovative Research in Science, Engineering and Technology | [http://www.ijirset](http://www.ijirset.com/)[.com/](http://www.ijirset.com/) | Vol. 5, Issue 7,July 2016 | UGC(An ISO 3297:2007 Certified Organization) ISSN(Online) : 2319-8753ISSN (Print) : 2347-6710 |
| 3 | Development of Authentication and Security on IOT Systems. | International Journal of Research in Advent Technology(IJRAT) | [www.ijrat.org](http://www.ijrat.org/) | Special Issue , 09- 10 March 2018 | Web of Science E-ISSN: 2321-9637 |
| 4 | A Review On Authentication And Security Procedures For IOE Systems | Journal of Emerging Technologies and Innovative Research | [www.jetir.org](http://www.jetir.org/) | Volume 6 | Issue 6 | 2019-06-10 | UGC and ISSN Approved - Journal No: 63975 |

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| 5 | Importance and Responsibilitiesof Internet of Everything (IOE) for Monitoring and Controlling in Smart Agriculture Systems. | International Journal ofRecent Technology and Engineering (IJRTE) | [www.ijrte.org](http://www.ijrte.org/) | Volume-8, Issue- 6 , March 2020 | Scopus Index, ISSN: 2277-3878 |
| 6 | SecureCommunication In Internet Of Everything (Ioe) Based Smart Weather Reporting Systems | Journal ofInformation and Computational Science | [http://www.joics.](http://www.joics.org/)[org/](http://www.joics.org/) | Volume-14,Issue-1 , 2021 | UGC-CAREGroup 'II' Journals , ISSN:1548- 7741 |
| 7 | Security andPrivacy Challenges in Internet of Everything (IoE) with Security Requirements | Suresh GyanVihar University Journal of Engineering & Technology | [http://www.gyan](http://www.gyanvihar.org/researchjournals/engg.php)[vihar.org/researc](http://www.gyanvihar.org/researchjournals/engg.php) [hjournals/engg.p](http://www.gyanvihar.org/researchjournals/engg.php) [hp](http://www.gyanvihar.org/researchjournals/engg.php) | Volume 7, Issue-2 -2021 | ISSN [Online]:2395-0196[Print]: 2277-6915 |
| 8 | Deep LearningModel For Predicting Context Information For Authentication | Webology | http://www.webology.org/index.p hp | Volume 18,Number 6, 2021 | Scopus (ISSN: 1735- 188X) |
| 9 | Self-Secure Firmware Model For Blockchain-Enabled Iot Environment To Embedded System | European Chemical Bulletin | https://www.eurchembull.com/issue-content/self-secure-firmware-model-for-blockchain-enabled-iot-environment-to-embedded-system-1183 | [Volume -12, Special Issue-3 (2023 )](https://www.eurchembull.com/issue-content/self-secure-firmware-model-for-blockchain-enabled-iot-environment-to-embedded-system-1183) | ScopusISSN 2063-5346 |
|  10 | Iot-Enabled Smart Irrigation Management And Monitoring System Seamlessly Integrated Into Mobile Devices | European Chemical Bulletin | https://www.eurchembull.com/issue-content/iot-enabled-smart-irrigation-management-and-monitoring-system-seamlessly-integrated-into-mobile-devices-7461 | [Volume -12, Special Issue-3 (2023 )](https://www.eurchembull.com/issue-content/iot-enabled-smart-irrigation-management-and-monitoring-system-seamlessly-integrated-into-mobile-devices-7461) | ScopusISSN 2063-5346 |

5. List of International/National Conference Publications:

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| --- | --- | --- | --- | --- |
| **Sr. no** | **Name of the conference** | **Date** | **Place** | **Paper Title** |
| 1 | National Conference “ Advances In Electronics & Communication Devices- AECD 2018” | 9th – 10th , March 2018 | Jaipur. | Development of Authentication and SecurityProcedures for IoT System. |
| 2 | An International Conference on Materials for Energy ApplicationsICME-2018 | 6th-8th, DECEMBER, 2018 | Department of Physics,S.S. Jain Subodh PG (Auto.) College, Rambagh Circle (University of Rajasthan) Jaipur, India-302004 | Review on Development of Authentication and Security Procedures for Energy savvy IoT System |
| 3 | 1st International Conference on Advances In Electronics & Communication Devices (AECD-2019) | 5th – 6th April,2019 | Department Of Electronics & Communication, Suresh Gyan Vihar University, Jaipur. India-302004 | Development of Authentication and Security Procedures for IoT System |
| 4 | National Level Technical Paper Presentation 2019 | 20th September, 2019. | Bharati Vidyapeeth College of Engineering, Navi Mumbai. | Security Challenges in IOE Systems. |
| 5 | Society for Technologically Advanced Materials of India (STAMI) in Association with ISTE Organizes International Web Conference on Science, Engineering and Technology(IWCSET-2020). | 15th – 16th , May 2020 | "The Society for Technologically Advanced Materials of India (STAMI) at Nagpur, Maharashtra, India | “Implementation of Internet of Everything (IOE) in Industrial Automation Systems” |
| 6 | IEEE 12th International Conference on Computational Intelligence and Communication Networks (CICN 2020) | 25th-26th, Sep 2020 | Birla Institute of Applied Sciences (BIAS) Bhimtal, Dist.- Nainital, Uttarakhand. India | “Authentication Schemes and Security Issues in Internet OfEverything (IOE) Systems.” |
| 7 | 2days International Conference on recent Innovations in Science , Engineering, Humanities and Management at Institution of Engineers , Chandigarh, India  | 16th -17th January 2021. | at Institution of Engineers , Chandigarh, India | “Secure Communication In Internet Of Everything (IOE) Based Smart Weather Reporting Systems.” |
| 8 | 2023 4th International Conference on Signal Processing and Communication (ICSPC), Coimbatore, India, 2023, pp. 158-162, doi: 10.1109/ICSPC57692.2023.10125709.  | 23-24 March 2023 | 4th International Conference on Signal Processing and Communication (ICSPC), Coimbatore, India, |  "Smart Farm Protection System Using IoT,"  |
| 9 | 2023 IEEE 8th International Conference for Convergence in Technology (I2CT), Lonavla, India, 2023, pp. 1-6, doi: 10.1109/I2CT57861.2023.10126249. | 07-09 April 2023 | 8th International Conference for Convergence in Technology (I2CT), Lonavla, India | E-ventilator (Emergency ventilator) for Emergency Situations |
| 10 | 2023 7th International Conference on Trends in Electronics and Informatics (ICOEI), Tirunelveli, India, 2023, pp. 1013-1018, doi: 10.1109/ICOEI56765.2023.10125909. | 11-13 April 2023 | 7th International Conference on Trends in Electronics and Informatics (ICOEI), Tirunelveli, India | Scheduling in Multi-Hop Wireless Networks using a Distributed Learning Algorithm |

6. List of Patents:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No** | **Title of Patent** | **Application Number** | **Date of Publication** |
| 1 | Expansion of an IoT Valuation scheme: an interdisciplinary context for energy proficient buildings in smart cities. | 202141056109 A | 10/12/2021 |
| 2 | Development, authentication and application of 3D-printed IoT-based water quality monitoring system4.0 Industrial revolution Approach. | 202141056110 A | 10/12/2021 |

7. Book Chapters:

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Book Chapter Title**  | **Publisher** |
| 1 | Security And Open Challenges In Internet Of Things (Iot) | Futuristic Trends in IOTISBN: 978-93-95632-69-0IIP Proceedings, Volume 2, Book 15, Part 3, Chapter 2 |
| 2 | Internet of Things (IoT): Treats and Attacks | Multidisciplinary, Research Trends , Volume – 4ISBN: 978-93-954563-2-6ISBN-10: 93-954563-2-9DIP: 18.10.9395456329DOI: 10.25215/9395456329Page No.-198 to 203 |

8. Reviewer of Journal

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| --- | --- | --- |
| **Sr. No** | **Name of Journal** | **Paper Reviewed** |
| 1 | Asian Journal of Agricultural Extension, Economics & Sociology (Indexing: Ebsco, Proquest, Index Copernicus, Google Scholar, NAAS - 4.86 (2022)) | Impact of Drought on Sorghum Production and Its Adaptation Strategies in Baki district, Awdal region, Somaliland |
| 2 | Asian Journal of Agricultural Extension, Economics & Sociology (Indexing: Ebsco, Proquest, Index Copernicus, Google Scholar, NAAS - 4.86 (2022)) | Autonomous Aerial System (Uav) For Sustainable Agriculture: A Review |
| 3 | Asian Journal of Agricultural Extension, Economics & Sociology (Indexing: Ebsco, Proquest, Index Copernicus, Google Scholar, NAAS - 4.86 (2022)) | Digital Technologies in Crop Genotype Designing Methods: Scope, Limitations, and Future Perspectives |

9. Editor of Book Series

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| --- | --- | --- | --- |
| **Sr. No** | **Details** | **Editor Id** | **Link**  |
| 1 | IIP Series Conferences & Edited Books-Book series titled “Futuristic Trends in IOT” |  “IIPER1673866239” | <https://www.iipseries.org/fullviewdetails.php?id=224&title=iipv3ebs08g1-futuristic-trends-in-iot> |

10. Membership of Professional Societies/Bodies

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| **Sr.****No.** | **Professional Society/Body** | **Membership****Number** |
| 1) | International Association of Engineers (IAENG) | 186603 |
| 2) | The Indian Society For Technical Education (ISTE) | LM 104637 |
| 3) | Society for Technologically Advanced Materials, India (STAMI) | LM-ET-0807 |
| 4) | The Institute of Electronics & Telecommunication Engineering (IETE) | M-502489 |

11. Achievements

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| **Sr. No** | **Achievements** |
| 1 | Best Teacher Award 2017- Sharad Institute of Technology Polytechnic Yadrav. |
| 2 | Young Researcher Award- 2023- Institute of Scholars (InSc) International Publisher<https://www.insc.in/awards/year_list_recepient.php?pn=2&rid=5&year=2023&rec=Young-Achiever-Award|Young-Researcher-Award|Research-Excellence-Award> |

12. NPTEL Course & FDP

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| **Sr. No** | **Details Course & FDP** | **Duration** |
| 1 | Online Course- Microprocessors & Microcontroller | Jan-Apr 2023 |
| 2 | Hands-on Experience on Internet of Things in IISER Bhopal. | 10th – 15th July 2023 |