Name: Mr.Santosh Yadavrao Divekar.

Designation: Lecturer

Department: Computer Engineering.

E-mail: sydivekar@aissmspoly.org.in

Educational Qualifications

PhD (Pursuing) CSE
M.E. Computer
B.E. Information Technology.

Experience

Lecturer 16 Yrs.

Patent

1. Application Number: 202211022825 Title of Invention: BLOCKCHAIN TECHNOLOGIES FOR DISASTER RISK REDUCTION AND MANAGING IT DURING EMERGENCY CONDITIONS.

Publications

International Journals:

1. Multiple-Keyword Ranking Search over encrypted Data with Secure and Dynamic Operation Published in IJAERD, Volume 04 Issue 06, June-2017.
2. Survey on Ethical Hacking Published in IJARIIE, Volume 04 Issue 04, July-2018.
3. Helpdroid the S.O.S. System Publication IJSRD e-ISSN: 2321-0613 p-ISSN: 2395-0772 March 2020.
4. All in One News Paper in Android Development Publication IJSRD e-ISSN: 2321-0613 p-ISSN: 2395-0772 March 2020.
5. Color Detection using Pandas & OpenCV International Journal of Advanced Research in Computer and Communication Engineering Vol. 10, Issue 4, April 2021 DOI 10.17148/IJARCCE.2021.10479.

6. "J-Script Plug-in" (Android Pattern Lock Simulator) International Journal of Advanced Research in Computer and Communication Engineering Vol. 10, Issue 4, April 2021 DOI 10.17148/IJARCCE.2021.10482.
7. COVID 19 Android Application: A Survey International Journal of Advanced Research in Computer and Communication Engineering Vol. 10, Issue 5, May 2021 DOI 10.17148/IJARCCE.2021.105141
8. COVID 19 Android Application International Journal of Advanced Research in Computer and Communication Engineering Vol. 10, Issue 5, May 2021 DOI 10.17148/IJARCCE.2021.10519.
9. Battery Saver in Android Studio International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2320-6710 www.ijirset.com Impact Factor: 8.118 Volume 11, Issue 5, May 2022 DOI:10.15680/IJIRSET.2022.1105153.
10. Social Distancing Detector International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2320-6710 www.ijirset.com Impact Factor: 8.118 Volume 11, Issue 5, May 2022 DOI:10.15680/IJIRSET.2022.1105292.
11. Vehicle Driving Management Web Application International Journal of Innovative Research in Computer and Communication Engineering e-ISSN: 2320-9801, p-ISSN: 2320-9798 www.ijircce.com Impact Factor: 8.165 Volume 10, Issue 5, May 2022 DOI: 10.15680/IJIRCCE.2022.1005105.

Conference:

1. "Smart Factory Design: Enabling Industry 4.0 through Integration of Cyber-Physical Systems and Internet of Things" International Conference on Futuristic Trends in Engineering, Science & Technology [ICFTEST-2024] Hosted by Nagpur Institute of Technology, Nagpur.
2. "Review on Challenges in Edge Device Security and Communication Approaches" in International Conference on Inspiring Innovations in Engineering, Technology and Management 2023 (ICI2ETM-23) Hosted by Eternal Scientific Publications.
3. "An analysis of Edge device security and communication approaches challenges and opportunities" International Conference on Recent Trends in Science, Technology, Engineering & Mathematics (MICRT- STEM 2023)
4. "Multiple-Keyword Ranking Search over encrypted Data with Secure and Dynamic Operation" in cPGCON-2017 Nashik.

Course/Seminar/Symposium/Workshop attended

Swayam / NPTEL / MOOCS Course:

1. Introduction To Industry 4.0 And Industrial Internet Of Things on NPTEL Duration 12 Week Jul-Oct 2023.
2. Computer Networks and Internet Protocol on NPTEL Duration 12 Week Jan-Apr 2022.
3. Full ethical Hacking and Penetration Testing Course on Udemy Duration 30.5 hours.

Faculty development program:

1. National Level One Week Online Faculty Development Programme on "Generative AI using Chatgpt" from 15th - 19th January 2024 organized by Department of Information Technology, AISSMS IOIT, Pune.
2. One-week National Level FDP on Cloud Infrastructure (AWS) organized by Smt. Kashibai Navale College of Engineering Pune from 21th to 25th Aug 2023.
3. "Recent Developments in Neural Networks and Embedded RTOS" held during 09th-13th October 2023 organized by METHODIST College of Engineering and Technology.
4. Workshop on Digital creativity skills as a part of Adobe Academic Essential program Oct 2023.
5. One-day workshop on the occasion of World Ozone Day 20th September, 2023 by Pune Municipal Corporation.
6. One Day Workshop on "LoRa-Based IoT-Enabled Smart Lighting Systems for Smart Cities" dated 06 October 2023 organized by AISSMS Polytechnic Pune
7. Faculty Development Program (FDP) On "CYBER SECURITY" held during 24.03.2022 and 25.03.2022 Organized by Brahmdev dada Mane Polytechnic,Belati, Solapur, Maharashtra.
8. AICTE-ISTE Approved Faculty Development Programme On "Outcome Based Education and NBA Perspective" organized by Govindrao Wanjari College of Engineering & Technology, Polytechnic, Nagpur from 02/03/2022 to 04/03/2022.
9. Two days Faculty Development Program (FDP) on "CYBER SECURITY & CYBER FORENSIC" organized by Department of Computer Technology, SHHJB Polytechnic, Chandwad held on 3oth& 31th March 2022.
10. Workshop on Machine Learning organized by SPU Pune at G.H.Raisoni COE& MGMT, Pune.
11. Five-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 19 July, 2021 to 23 July, 2021.
12. Five-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 9 August, 2021 to 13 August, 2021.
13. Three Days Faculty Development Programme (FDP) on "Mobile Application Development without Coding" organized by MAEER's MIT Polytechnic and MIT-WPU School of Polytechnic & Skill Development, Pune held from 21st January 2021 - 23rd January 2021.
14. One Week Online Faculty Development Program On 'Advanced Communication using IoT and WSN' organized by Department of E&TC Engineering, DYPCOE, Akurdi, Pune, 9th February to 13th February, 2021.
15. Three Days State Level FDP entitled "PHP & MySQL" from 29th July to 31st July, 2021 Organized by Department of Computer Engineering & Information Technology, Sandip Polytechnic, Nashik.
16. one week online Short Term Training Program on "Innovative & Inventive Problem Solving" organized by Department of Production Engineering, AISSMS COE, Pune during 13th July to 18th July 2021.
17. One Week Faculty Development Program on "Augmented Reality & Virtual Reality" organized by Department of Electronics and Telecommunication Engineering in association with Buds Engineering Academy Pune, Under IEEE Students Branch, Institution of Engineers (India), Kolkata and ISTE, New Delhi from 21-25 June 2021.

18. AICTE sponsored STTP on Internet of things in healthcare application organized by department of computer science and engineering, Dr.N.G.P.IT from 24 to 29 August 2020

19. One-week faculty development program from 14.05.2020 to 20.05.2020 on "Advanced CPP" in association with spoken tutorial project,IIT Bombay,remotely organized by Computer Engineering Department, AISSMS's Polytechnic , Pune.

20. National Online Faculty Development Program on Virtual Labs: EDUCATION 4.0, ORGANIZED BY VIRTUAL Labs nodal center- MIT - ADT University Pune on 23.07.2020

21. Participating in faculty development program on Flipped Classroom organized by anjuman-i-islam's kalsekar technical campus new panvel.

22. Participated in two days National Level Workshop (Online) on "MACHINE LEARNING WITH PYTHON" from 14th - 15th July, 2020 in Association with SQUAD InfoTech Pvt. Ltd. Mumbai.

23. One day MSBTE sponsored faculty training on "Capacity Development for Techaers" Organized by AISSMS'S Polytechnic,Pune on 9th August 2019

24. Faculty development program organized by MSBTE, Mumbai at AISSMS Polytechnic, Pune. (23rd & 24 march 2014)

Webinar:

1. International Day of Yoga 21 june 2020 Heartfulness Institute " participated in Dr. A. P. J. Abdul Kalam Memorial Lecture on "PURA – Providing Urban amenities in Rural Areas"

2. organized by Rotaract club of Anna University Tiruchirappalli on 27th July, 2020.

3. "Webinar on ""Computer Vision and Image Processing--Industrial Scope"organized by the Department of Electronics and Communication Engineering, RISE Krishna Sai Prakasam Group of Institutions, Ongole in association with IETE chapter from 13/07/2020 to 14/07/2020.

4. participated in the tree day webinar series on "Covid 19 - mind's eye" organised by IEEE EMBS Scocity from 15 to 17.08.2020

5. Participated in the National-Level Webinar on BLOCKCHAIN held on July 17, 2020 organised by Computer Engineering Department during National-Level Webinar Series on EMERGING AREAS OF TECHNOLOGY"

6. International Webinar on the topic "Design Thinking and Innovation in Engineering & Technology" delivered by "Mr. Indresh Singh Saluja, Chief Officer Property Operations, Acron Holdings, Kenya" on July 16, 2020"

7. Attained 2 days webinar on "Advanced Computer Network" organized by Computer Engineering Department, AISSMS's Polytechnic, Pune under IEI Students Chapter in collaboration with NITS Global ,Pune ,from 01.06.2020 to 02.06.2020 .

8. Webinar on ARTIFICIAL INTELLIGENCE WITH MACHIN LEARNING organized by department of computer science , maharaja surajmal institute 22.07.2020

9. Webinar on SATELLITE IMAGE FUSION TECHNIQUES organized by department of E&Tc siddipet 23.07.2020

10. Webinar on ARTIFICIAL INTELLIGENCE IN HEALTHCARE organized by depatment of E& Tc, AISSMS IOIT 21.07.2020

11. Webinar on "Blog Writing - Story telling in digital era" on Friday, 17 July 2020 at 4:00 pm IST, Organized by Engineering Sciences Department, AISSMS IOIT, Pune"

12. Webinar on ARTIFICIALLY INTELLIGENT GREENHOUSE SYSTEM BASED ON IOT organized by department of ECE, university institute of engineering and technology, kurushetra university on 29.07.2020

13. Webinar on: Artificial Intelligence & Future Jobs organized by Dept. of Electronics and Telecommunication on July 25th, 2020."

14. Webinar on EMERGING AREAS OF TECHNOLOGY organized vy department of E&Tc KJ Sommya IOI Mumbai.

15. Webinar on research issue in image processing conducted by computational intelligence research foundation (CIRF) chennai

16. Participated in One day National level Online Webinar on "Non-orthogonal Multiple Access: Fundamentals and Academic-Industry Perspectives" organized by the Department of lectronics and Communication Engineering, RISE Krishna Sai Prakasam Group of Institutions, Ongole in association with IETE chapter on 08/08/2020.

17. Webinar on: Data Science and other on-demand Skills in market organized by Dept. of Electronics and Telecommunication of AISSMS POLYTECHNIC on Aug 21th, 2020."

18. Webinar on Software Testing and Quality Assurance organized by Department of Computer Engineering, AISSMS College of Engineering, Pune on 23-8-2020.

19. Webinar on "Emerging Industrial IoT Applications" organized by Department of E&TC Engineering AISSMS IOIT in association with SIR Automation Industries and supported by ISTE on 29/8/20.

20. WEBINAR ON COGNITIVE RADIO FOR 5G Hosted by : Dept of IT , Dr.NGP Institute of Technology and Pantech E Learning Date: 01.08.2020

21. WEBINAR ON ELECTRICAL VEHICLE Hosted by :Dept of EEE , Institute of Aeronautical Engineering and Pantech E Learning Date:02.08.2020

22. WEBINAR ON DEEP LEARNING BASED NEURAL NETWORK SYSTEMS Hosted by : Dept of IT, GKM College Of Engineering & Technology and Pantech E Learning Date: 03.08.2020 Timing

23. WEBINAR ON UNSUPERVISED LEARNING WITH K - MEANS CLUSTERING Hosted by : Dept of ECE ,CMR Engineering College And Pantech E Learning Date: 04.08.2020"

24. WEBINAR ON ROLE OF IOT IN HEALTHCARE DURING COVID Hosted by : Dept of ECE , CAHCET And Pantech E Learning Date: 05.08.2020

25. WEBINAR ON MIMO ANTENNA DESIGN Hosted by :Dept of ECE , JJ College Of Engineering And Technology And Pantech E Learning Date: 05.08.2020

26. WEBINAR ON 5G EVOLUTION : FUTURE OF COMMUNICATION Hosted by :Dept of E&TC , NUTHAN MAHARASTRA INSTITUTE OF ENGINEERING & TECHNOLOGY & Pantech E Learning Date: 07-08-2020

27. WEBINAR ON AI THINKING : APPLICATIONS IN INDUSTRIAL PERSPECTIVE Hosted by : Dept of CSE , Manakula Vinayagar Institute Of Technology And Pantech E Learning Date: 07.08.2020

28. WEBINAR ON CYBER SECURITY OVER SOCIAL NETWORKS Hosted by : Pantech E Learning Date: 08.08.2020

29. WEBINAR ON GETTING STARTED WITH NLP Hosted by : Dept of CSE , MVSR Engineering College And Pantech E Learning Date: 09-08-2020

30. WEBINAR ON DESIGN OF ELECTRIC VEHICLE Hosted by :Dept of EEE , Maharaja Surajmal Institute of Technology, Delhi and Pantech E Learning Date: 10-08-2020

31. WEBINAR ON POWER INTELLIGENCE AND ASSET MANAGEMENT IN SMART GRIDS Hosted by : Dept of EEE , Bhoj Reddy Engineering College for Women and Pantech E Learning Date: 11-08-2020
32. WEBINAR ON ROBOT INTELLIGENCE TECHNOLOGY AND IT'S APPLICATIONS Hosted by : Dept of ECE , Pallavi Engineering College and Pantech E Learning Date: 11-08-2020
33. WEBINAR ON DEEP LEARNING TECHNIQUES CNN & RNN Hosted by : Dept of ECE , GITAM (Deemed to be University), Hyderabad and Pantech E LearningDate: 13-08-2020
34. WEBINAR ON ANDROID APPLICATION DEVELOPMENT Hosted by : Pantech E Learning Date: 14-08-2020
35. WEBINAR ON NATURAL LANGUAGE PROCESSING Hosted by : Dept of CSE , VNR Vignana Jyothi Institute of Engineering and Technology and Pantech E Learning Date: 15-08-2020
36. WEBINAR ON MACHINE LEARNING Hosted by : Dept of CSE, Kongu Nadu Engineering College and Pantech E Learning Date:15-08-2020
37. Webinar on 'Stress Management' organized by Department Of E&TC, AISSMS College Of Engineering, Pune in association with AISSMS COE IEEE Student Branch, IEI & ISTE Chapters on 23th May 2021.

Professional Membership

1. Life member of IEI.
Institution of Engineers (India)