

Name of Faculty: Dr. Kishor Shamrao Sakure

Designation: Assistant Professor

Email: kishorsakure@ternaengg.ac.in

Address for Correspondence:

D12/01,Makrand Vihar CHS,Gharkul,Sector 15,

Kharghar,Navi Mumbai.



Professional Qualification:

- **Ph.D in Computer Science and Engineering ,July 2023**
MADHYANCHAL PROFESSONAL UNIVERSITY, Bhopal, Madya Pradesh
- **Master of Computer Engineering, 2005**
D.BATU,Lonere, Maharashtra
- **Bachelor of Computer Science and Engineering, 1991.**
SGGSE&T Nanded, Marathwada University, Maharashtra

Short Biodata:

Currently working as Incharge Head of department and Assistant Professor in Computer Engineering department, having 28 years of Teaching Experience. Actively involved in NAAC/NBA activities and NPTEL activities at Institute level, also involved in department as an Academic program coordinator.

Patents/ Products/ Consultancy:

Products Developed: NIL

Patents: NIL

Consultancy Projects: NIL

Reviewer:

1. IEEE-ICAST 2022, K J Somaiya Institute of Engineering and Information Technology.

Major Subjects:

- Operating Systems,
- Computer Organization and Architecture
- Digital logic and Computer Organization,
- Distributed Databases,
- Parallel Computing and Distributed Computing,
- Mobile Computing,
- Blockchain
- SBL java
- SBL (C++ and Java)
- Management Information System
- Distributed Computing

Citation Analysis:

3 citations (h-index 1 and i10-index)

https://scholar.google.com/citations?view_op=list_works&hl=en&user=PkJUfKsAAAAJ

List of Publication:

Journal Publications:

1. A Review on Detection of Copy-Move Forgery Techniques, GIS SCIENCE JOURNAL, ISSN NO : 1869-9391.
2. A Recent Survey of Resource Provisioning and Allocation in Grid Cloud Computing, GIS SCIENCE JOURNAL, ISSN NO : 1869-9391.
3. Optimization Of Tasks Scheduling In Computational Grids Using Hybrid Swarm Intelligence Algorithm, Webology (ISSN: 1735-188X)
4. Performance Analysis of Computational Grid Job Scheduling using Bio-Inspired Heuristic Function, Turkish Journal of Computer and Mathematics Education (TURCOMAT), volume 11, No.3(2020).
5. A Novel Approach for Iris Recognition System Using Genetic Algorithm. Journal of Artificial Intelligence and Technology, 4(1), 9–17 (2024) (**Scopus Indexed**)
6. Using a Clustering Algorithm and a Transform Function, Identify Forged Images International Research Journal of Multidisciplinary Scope, 05(01):781-789 (2024) (**Scopus Indexed**)
7. WaveSafe Guardian: Enhanced Security Shield with Wavelet Analysis. Int J Intell Syst Appl Eng [Internet]. 2024 Mar. 24 [cited 2024 Apr. 19];12(3):2492-9. Available from: <https://ijisae.org/index.php/IJISAE/article/view/5721> (**Scopus Indexed**)
8. Agri-Food Supply Chain: A Blockchain-Enabled Framework for Industry 4.0 Applications". International Journal of Intelligent Systems and Applications in Engineering 12, no. 3 (May 7, 2024): 3296–3303. Accessed May 16, 2024. <https://ijisae.org/index.php/IJISAE/article/view/5936>. (**Scopus Indexed**)

Conferences and Workshops Publications:

1. Messaging Application like WhatsApp, IJARCCCE , ISSN (O) 2278-1021, ISSN (P) 2319-5940.
2. Women Safety App, YMER || ISSN : 0044-0477.

3. Real-Time Cryptocurrency Trading System, IRJET, e-ISSN: 2395-0056.
4. Key – Aggregate Searchable Encryption, International Journal of Advance Research, Ideas and Innovations in Technology, ISSN: 2454-132X.
5. Cryptoroots: Offset your Carbon Footprint by Planting Trees and Earn Climate Change Impact Badges. TIJER, ISSN 2349-9249, MAY 2023 VOLUME 10, ISSUE 5.

Training/conferences /STTP attended:

- 1) Technical workshops on subject Comp. H/W and maintenance at Govt. Polytechnic Bandra (1 week).
- 2) Lab manual development for MSBTE (C scheme) at TTTI-Pune and BVIT during 2000- 2001.
- 3) Participated in 2 weeks program on Software Development Conducted by IIT Mumbai.
- 4) Participated in 2 weeks program on DBMS Conducted by IIT Mumbai.
- 5) Participated in 2 weeks program on Introduction to algorithm by IIT Kharagpur.
- 6) Participated in 1 week program on Cloud Computing at Sarasvati College of Engg. Kharghar an ISTE Sponsored.
- 7) Participated in 3-days training program on DB2 at MGM engg. College, Navi Mumbai.
- 8) Participated in one National conference of 2-days each based on object oriented methodology at D.B.A.T.U, Lonere.
- 9) Attended Quality Question Paper Setting workshop (3 days) organized by MSBTE and GP Bandra.
- 10) One day Orientation Program on oracle by Oracle Corporation at Andheri.
- 11) One day Orientation Program on cloud computing by TCS at Vikroli
- 12) Curriculum development program of MSBTE G scheme at RBTE and BVIT, Belpada (2012).
- 13) Content update program in Java programming (1 week) at D.Y.Patil polytechnic, Nerul.
- 14) Introduction to Design of algorithm (2 week ISTE STTP) from 27 th April to 30 th May 2015 at TEC Nerul.
- 15) One day NPTEL awareness workshop on jan 2016 at K.J.Somaiya engg college Sion on 8 th Jan 2016
- 16) 1-day orientation program on parallel and distributed systems at VESIT on 11 th Jan 2016.
- 17) Participated in National Level Workshop on Accreditation & Outcome Based education- 2016, organized by Center for Engg. Education (CEE).
- 18) Participated NPTEL workshop for SPOC conducted at IIT Bombay on July 05, 2016.
- 19) Participated AICTE approved four week FDP on Use of ICT in Education for Online and Blended Learning conducted by IIT Bombay from May 2 nd ,2016 to July 10 th ,2016 at TEC , Nerul.
- 20) Participated for One Week STTP on “Cyber security and digital forensic” 3 rd January 2017 to 7 th January 2017.
- 21) Participated for One Week STTP on “Hands on Python programming” 1 st January 2018 to 4 th January 2017.
- 22) Two days workshop on Effective research methodology on 5 th & 6 th Jan 2018 at TEC, Nerul.
- 23) One day workshop for NPTEL awareness for SPOC at IIT Bombay on 12 th Jan 2018 .
- 24) One Week Faculty Development Programme on “Research Methods in Science, Engineering & Technology (RMSET)” Organized by Department of Mechanical engineering.
- 25) One week online training program on, “Implementation of Multi-objective Optimization Algorithm (NSGA -II) using MATLAB” organized by Electrical Engineering Department under RIT-Center for Teaching and Learning (RIT-CTL) Rajarambapu Institute of Technology, Rajaramnagar, Islampur.
- 26) One Week Online Faculty Development Program on “Innovation, Entrepreneurship and its Relevance in Industry 4.0 Practices in the Post Covid-19 Situation” organized by department of mechanical engineering , terna engineering college, Navi Mumbai
- 27) One week STTP on “data science with python” organised by terna engineering college in collaboration with Technogurus Tutorial thane.
- 28) Participated & completed successfully faculty development program on "Fundamentals of AR using VUFORIA & IoT using ThingWorx" organised by Infinity Tech & Terna College.
- 29) "One week Course on DIGITAL TEACHING TECHNIQUES" Organised by ICT Academy.
- 30) One week STTP on “Natural Language Processing & Deep Learning” organised by Vidyavardhini’s

College of Engineering & Technology Vasai Road(West),Mumbai.

- 31) One week short term training program on, "Implementation of Advanced Optimization Techniques using MATLAB"organized by Electrical Engineering Department under RIT-Center for Teaching and Learning (RITCTL)Rajarambapu Institute of Technology, Rajaramnagar, Islampur
- 32) One week FDP on Usage of Technology in Covid-19 organised by Terna College IT dept with L & D Technology Pvt Ltd pune
- 33)One week FDP on Linux organised by department of electronics and telecommunication engineering,Sinhgad Academic of engineering Kondhwa(Bk),and IIT spoken tutorial,Mumbai
- 34) One week FDP on AI/ML IN 5G COMMUNICATION TECHNOLOGY.(21/6/21 to 26/6/21)
- 35) One week FDP on Recent Trends in Computations AT VIT pune(19/7/21 to 24/07/21)
- 36) FDP On Trends in Machine Learning and Data science at LTE(28/6/21 to 30/6/21)
- 37) One week FDP ON Research Methods in Science ,Engineering & Technology(RMSET)(02/02/21 to 6/5/21)
- 38) One week FDP Recent Advancement in Artificial Intelligence(12/07/21 to 16 /07/21)
- 39) FDP on Deep learning applications in Cyber security for engineering and science(14/6/21 to 19/6/21)
- 40) One week STTP on ADVANCED CONCEPTS, TOOLS & APPLICATIONS OF BLOCKCHAIN & SECURITIES organized by Department of Computer Engineering(04-07-2022 to 09-07-2022)

SWAYAM-NPTEL Online Certification:

1. Introduction to operating system
2. Database management system
3. Computer architecture
4. Cloud computing
5. Information security –IV
6. Distributed system
7. Edge computing
8. Management Information System
9. Data analytics with python
10. Introduction to Machine Learning
11. Cloud computing and distributed Systems
12. Introduction to Research

Research and Scholarly Contributions:

- **Ph.D. Research:**
- **M. E. Research:**

Funding Received: Nil

Software Tools:

1. Java ,Python,NS2,Android Studio, VS Code, remix IDE

Professional Association:

Indian Society of Technical Education (ISTE) - Life Member :LM2867

Experience:

- Teaching experience :28 yrs. , Industry experience :3 yrs.

Responsibilities Handled:

- HOD
- APC
- Class Advisor
- NPTEL Coordinator
- NITTT Coordinator
- University Examination Incharge

Talks/Guest Lectures Delivered: Nil**SESSION CHAIR/JUDGE:**

1. Avalon act as judge.
2. Equinox 2023 act as session chair judge

Declaration

I hereby declare that the foregoing information are correct and complete to the best of my knowledge.

Faculty Name: Dr. Kishor Shamrao Sakure

Place: Nerul ,Navi Mumbai