



Department of Computer Engineering

Faculty Profile

V A Gire(Waykule)

M E (Computer Engineering)

Associate Professor

✉ vwaykule@aiissmscoe.com

vidya.waykule@gmail.com



ResearchAreas/ Areas of Interest

Data Structures, Database, Data Mining, Machine Learning

Personal Details

Date of Birth : 02 / 11 / 1979

Domicile: Maharashtra

Gender : Female

Blood Group: A+ve

Contact Details: D905,Palladium Homes,Madhav Nagar,Near Kamal
Lawns,Dhanori,Pune-411015

Academic Background

| S. NO. | Qualification | Specialization | University | Class/Grade | Year of Passing |
|---------------|----------------------|-----------------------|-------------------|--------------------|------------------------|
| 1 | M.E. | Computer Engineering | Pune | Distinction | May 2014 |
| 2 | B.E. | Computer Engineering | Shivaji | I st | May 2002 |

Work Experience

| S. No. | Type of Experience | Years | Months |
|---------------|---------------------------|--------------|---------------|
| 1 | Teaching | 19 | 07 |
| Total | | 19 | 07 |

Subjects/Courses Taught

| S. No. | Subject | UG/PG | Class (FE/SE/TE/BE/ME) | No of times Subject Taught |
|---------------|--|--------------|-------------------------------|-----------------------------------|
| 1 | Theory of Computation | UG | TE | 05 |
| 2 | Data Structures and Algorithm | UG | SE | 03 |
| 3 | Object Oriented and Multicore Programming | UG | SE | 01 |
| 4 | Data Structures and Problem Solving | UG | SE | 01 |
| 5 | Computer Network | UG | TE | 02 |
| 6 | Database Management | UG | TE | 02 |
| 7. | Data Structures | UG | SE | 04 |
| 8. | Fundamentals of Programming Languages I and II | UG | FE | 01 |
| 9. | Data Mining and Warehousing | UG | BE | 02 |

Research Publications

| | National | International | State | SCI/ Scopus Indexed | UGC Approved |
|--------------------|----------|---------------|-------|---------------------------|-----------------|
| Journals | 00 | 14 | 00 | | 03 |
| Conferences | 01 | 02 | 00 | | -- |

Publication Details (Journals)

| S. No | Document Details | Authors | Year | Source Details | ISBN/ISSN | Publisher |
|-------|---|--|------|----------------------------|-------------------|-----------|
| 1 | Collusive Piracy Prevention in P2P Network | Waykule V V, Abhishek Nasawale | 2013 | IJARCSSE Vol 3, Issue No 1 | 2277 128X | IJARCSSE |
| 2 | Review of Web Recommendation System and Its Techniques: Future Road Map | Waykule V V, Shyam Gupta | 2014 | IJCSIT Vol 5, Issue No 1 | ISSN 0975-9646 | IJCSIT |
| 3 | HCI using Leap Motion Camera | Waykule V V, Deepak kumar S. Shukla, Prathamesh Jagtap | 2017 | IJCTT, Volume 43, Issue 3 | 2231-5381 | IJCTT |
| 4 | Attribute based Storage to avoid duplicate files on cloud | Waykule V V, Chinmay Patil, Shubham Kasabe | 2018 | IJAREST, Volume 5, Issue 4 | e-ISSN: 2393-9877 | IJAREST |
| 5 | Disease Status Prediction And Identification | Waykule V V, Pragati Shukla, Simran Lal | 2018 | IJAREST, Volume 5, Issue 1 | e-ISSN: 2393-9877 | IJAREST |

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|----|---|---|------|------------------------------|-------------------------|---------|
| 6 | Face Recognition for Door Locking/Unlocking | Waykule V V, Kiran Pillay | 2019 | IJRSET, Volume 8, Issue No 1 | 2347-6719 | IJRSET |
| 7 | IOT Powered Wearable to Assist Individuals: Survey | Waykule V V, Vijaya Surwase, Deepali Mahale | 2020 | JETIR, Volume 7, Issue No6 | 2349-5162 | JETIR |
| 8 | Typographic Portrait Generator using Image Processing | Waykule V V, Suyash Sutar | 2020 | IJRASET, Volume 8, Issue7 | 2321-9653 | IJRASET |
| 9 | Modern Social Media Application on Serverless Architecture with Microservices Pattern | Waykule V V, Ankita Dalvi, Megha Darda | 2021 | IRJET, Volume 8, Issue 3 | e-ISSN: 2395-0056 | IRJET |
| 10 | Monocular Depth Estimation using Atrous Convolutions: A Survey | Waykule V V, Darshan Rajopadhye, Pravin Shelke | 2021 | IRJET, Volume 7, Issue 12 | e-ISSN: 2395-0056 | IRJET |
| 11 | Plant Leaf Disease Detection using Inception Resnet V2 -CNN | Waykule V V, Vishal Tanawade, Sarthak Thorat | 2022 | IJARST, Volume 2, Issue 1 | ISSN (Online) 2581-9429 | IJARST |
| 12 | Speech Emotion Recognition System Using Recurrent Neural Network in Deep Learning | Waykule V V, Siddhant S. Patil | 2022 | IJRASET, Volume 10, Issue3 | ISSN: 2321-9653 | IJRASET |
| 13 | Online Organ Donation System Using Blockchain | Waykule V V, Rushikesh Kothawade, Ritesh Nikam, | 2022 | IJRASET, Volume 10, Issue XI | ISSN: 2321-9653; | IJRASET |

Publication Details (Conferences)

| S. N o | Document Details | Authors | Ye a r | Conferenc eDetails | ISBN | Organise dby |
|-----------------------|-----------------------------|----------------|-----------------------|-------------------------------|-------------|-------------------------|
|-----------------------|-----------------------------|----------------|-----------------------|-------------------------------|-------------|-------------------------|

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|----|--|------------------------------|------|-------------------|-------------------|------------------------|
| 1. | Mining Web Graph for Query and Image Recommendations | Waykule V V, Shyam Gupta | 2014 | Elsevier, India | 9789351072928 | S,B Patil COE, Indapur |
| 2 | A new approach to software as a service cloud | V V Waykule, Bankar Hemant | 2012 | IEEE Xplore, Bali | 978-1-4673-4550-7 | Bali |
| 3 | Cloud Storage Architecture | V V Waykule, Tejaswani Patil | 2012 | IEEE Xplore, Bali | 978-1-4673-4550-7 | Bali |

PhD / ME / BE Student Guided for Project

| Level | Ph.D. | M.E. (PG) | B.E. (UG) |
|-----------------------|-------|-----------|-----------|
| No. of Student guided | - | - | 52 |

Professional Memberships

| Professional Body | Level (National/ International) | Type (Fellow/Life/Annual) | Membership No. |
|-------------------|----------------------------------|---------------------------|----------------|
| ISTE | International | Life | LM122575 |
| IREF | International | Till Dec 2020 | |

Patents/IPR Filed/Granted

| S. No | Investigator Details | Title | Year | Status (Filed/Granted) | Details |
|-------|----------------------|-------|------|------------------------|---------|
| 1 | | | | | |

Books Published

| S. No | Title | Name of the Publisher | ISBN/ISSN Number |
|-------|-------|-----------------------|------------------|
| | | | |

Research Grants Received

| No | | | Funding Agency | Grant Amount |
|----|--|--|----------------|--------------|
| 1. | | | | |

Details of Workshop/STTP/FDP/Seminar / Conferences Organized

| S. No | Title | Type | Duration | Level (State/National/ International) | Sponsoring Agency |
|-------|-------|------|----------|---------------------------------------|-------------------|
| 01 | | | | | |

Contribution as Resource Person

| S. No. | Place/ Organization | Topic | Level(National/Int/ State/Regional) | Date |
|--------|---------------------|-------|-------------------------------------|------|
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Details of Workshop/STTP/FDP/Conferences Attended

| S. N | Title | Type | Duration | Organizer | Sponsoring Agency |
|------|--------------|------|----------------------|-----------|---|
| 1 | Python 3.4.3 | FDP | 27th Apr-2ndMay 2020 | PICT,Pune | National Mission on Education through ICT,MHRD,Gov of India |

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|----|---|---------------|--|----------------------|---|
| 2 | Java | FDP | 4 th -11 th May 2020 | STE's SAE Kondhva | National Mission on Education through ICT,MHRD,Gov of India |
| 3 | Drupal | FDP | 20 th April - 27 th April 2020 | AISSMS IOIT | National Mission on Education through ICT,MHRD,Gov of India |
| 4 | PHP and MySQL | FDP | 8 th May to 13 th May 2020 | VIT Nashik | National Mission on Education through ICT,MHRD,Gov of India |
| 5 | Linux | FDP | 25 th May -29 th May 2020 | PVG, Pune | National Mission on Education through ICT,MHRD,Gov of India |
| 6 | Programming for Everybody | Online Course | 1 st May-20 th May 2020 | Coursera | University of Michigan |
| 7 | Website development and Search Engine Optimization held on at | FDP | 21 st and 22 nd Jan 2020 | Elite Softwares,Pune | S P College, Pune |
| 8 | NPTEL online certification | FDP | July to Sept 2019 (8 weeks) | IIT Kanpur | |
| 9 | Linux for Teachers at IOIT on funded by PMMMNMTT | Workshop | 23 rd August 2019 | AISSMS IOIT | PMMMNMIT, MHRD Gov of India |
| 10 | One Day on C and C++ held at AISSMS Institute Of Information Technology, Pune | Workshop | 29 th February 2020 | AISSMS IOIT | PMMMNMIT, MHRD Gov of India |
| 11 | Virtual Labs:Hands-on workshop | Workshop | 18 th July 2020 | AISSMS COE | BOS(E&TC) SPPU |

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|----|--|-----------|---|---|--|
| 12 | Data Sciences | FDP | 5 th Oct to 9 th Oct 2020 | University College of Engg | AICTE Training And Learning (ATAL) Academy |
| 13 | SciLab: An Effective Open Source Tool for Computer Vision and Machine Learning | STTP | 2 nd to 7 th Nov 2020 | Vidya Jyothi Institute of Technology | AICTE |
| 14 | Cyber security and Digital Forensics | STTP | 23 rd to 27 th Nov 2020 | Maulana Azad National Institute of Technology | ISEA Project Phase II |
| 15 | Recent Advances In Big DataOf Iot-Devices Using Fog Computing | FDP | 14 th to 26 th Dec 2020 | Malla Reddy College of Engg. and Technology | AICTE |
| 16 | Research Trends in Computer Engineering and Information Technology (RTCE | FDP | 4 th to 9 th Jan 2021 | SKN College of Engg | |
| 17 | Internet of Things | FDP | 11 th to 15 Jan 2021 | Central University of Kerala | ATAL |
| 18 | Cyber Security | FDP | 1 st Feb to 5 th Feb 2021 | Jawaharlal Nehru National College of Engg | ATAL |
| 19 | Problem based learning : Real time case studi industry practices | FDP | 9 th to 13 th Feb 2021 | Sinhgad Institute of Technology | |
| 20 | NAAC Accreditation Process | Worksh op | 15 th to 22 nd Apr 2021 | Modern College of Arts ,Science and Commerce | Paramarsh schemeof UGC |

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|----|--|------|--|-----------------------------------|--------------|
| 21 | Internet of Things for Futuristic Smart System | FDP | 17 th to 21 st May 2021 | Bharti Vidyapeeth College of Engg | |
| 22 | Artificial Intelligence | FDP | 24 th to 28 th May 2021 | D Y Patil School of Engg | |
| 23 | Data Analytics with Python | STTP | 24 th to 28 th May 2021 | Sandip Institute of Engg and Mgmt | AICTE |
| 24 | Interactive Teaching Learning Strategies With Affective & Co Approach (ITLS) | FDP | 21 st to 25 th Jun 2021 | PVG's COET & GKPIIM | |
| 25 | Project Based Learning | STTP | 21 st to 26 th Feb 2022. | AISSMSCOE | SPPU & ISTE |
| 26 | Data Science & Big Data Analytics | FDP | 08 th Feb 2022 | I2 IT | BOS Computer |
| 27 | Inculcating Universal Human Values in Technical Education | FDP | 18 th to 22 nd July 2022 | AICTE | AICTE |
| 28 | Software Testing and Quality Assurance | FDP | 22 nd Aug 2022 | RMD Sinhadgad CoE | SPPU |
| 29 | Amazon Web Services | FDP | 22 nd to 27 th Aug 2022 | AISSMS COE | AICTE |

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|----|--|----------|---|--------------------------------------|--------|
| 30 | Research Methods and Statistical Analysis | Workshop | 19 th Aug to 20 th Aug 2022 | | |
| 31 | Introduction to Machine Learning | FDP | Jul-Sep 2022 | IIT,Kharghar | NPTEL |
| 32 | Artificial Intelligence and Generative AI | FDP | 15 th to 19 th Jan 2024 | VIT, Pune | |
| 33 | Business Analytics | FDP | 5 th to 9 th Feb 2024 | AISSMSCOE | ExcelR |
| 34 | Emerging Technologies Trends in Industry | FDP | 11 th to 15 th Mar 2024 | VIT, Pune | |
| 35 | Data Science Applications in Real World using Python | FDP | 18 th to 22 nd Mar 2024 | Indira College | |
| 36 | Exploring the role of Generative AI in Management and TEchnology | FDP | 21 st to 26 th Mar2024 | Marian Academy of Management studies | |
| 37 | AWS Cloud Fundamentals and Services | FDP | 27 th to 31 st Mar 2024 | Sinhgad Institute of Technology | |

Major Professional Responsibilities Handled

| S. No. | Role and Responsibilities |
|---------------|--|
| 1 | Worked as central SE online Exam and TE-BE Insem Exam coordinator |
| 2 | Worked as GFM |
| 3 | Worked as Project coordinator |
| 4 | Worked as Practical-Oral exam coordinator |
| 5 | Worked as BE CAP coordinator |
| 6 | Worked as Time Table coordinator |
| 7 | Worked as ET coordinator |
| 8 | Worked as Internet coordinator |
| 9 | Worked As Microsoft Services coordinator |

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

Gire(Waykule) V A

(Name with Signature)