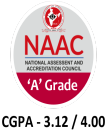




Savitribai Phule Shikshan Prasarak Mandal's
N B NAVALE SINHGAD COLLEGE OF ENGINEERING
 (Approved by AICTE & Affiliated to P. A. H. Solapur University, Solapur)



CURRICULAM VITAE

CGPA - 3.12 / 4.00



Ms. Manisha Dhondiram Mali

Assistant Professor, M.E(E&TC)PhD*

✉ mdmali.nbnscoe@sinhgad.edu ☎ **7709756792**

Educational Details

| Institute / University Name | Passedout Year | Degree | Remark |
|---|----------------|-----------|-------------------|
| Institute of Information Technology, Savitribai Phule Pune University | - | PhD | Pursuing |
| D.Y.Patil College of Engineering,Kolhapur/Shivaji University | 2012 | M.E(E&TC) | First Class 66.17 |
| K.I.T's college of Engineering,Kolhapur/Shivaji University | 2001 | B.E(E&TC) | First class 60.6 |
| Vivekanand College,kolhapur | 1996 | HSC | First Class 61.67 |
| Korgaonkar High School, Kolhapur | 1994 | SSC | Distinction 79.57 |

Total Experience : 16 Years and 6 Months

Teaching Experience

Institute: N B Navale Sinhgad College of Engineering,Solapur
From 2012-07-12
Total Experience: 11 years 2 months

Designation: Assistant Professor
To: 2023-09-26
Approved: Yes

Institute: Bharatratna Indira Gandhi College of Engineering,Solapur
From 2009-06-30
Total Experience: 3 years months

Designation: Assistant Professor
To: 2012-06-30
Approved: No

Institute: Institute of Civil and Rural Engineering,Kolhapur
From 2006-12-10
Total Experience: 2 years 4 months

Designation: Lecturer
To: 2009-04-30
Approved: No

Roles and responsibilities handled in Teaching:

- Class Co Ordinator Lab Incharge Teacher Guardian Worked as a coordinator for different activities in the department

Area Of Interest

- Wireless Communication, Image processing, Internet of Things

Subjects Handled

| | |
|---|---|
| UG | <ul style="list-style-type: none"> Coding theory, Optical Communication, Linear Integrated Circuits, Analog Communication and Digital Communication, Microprocessor, Microcontroller, Java Programming |
| PG | <ul style="list-style-type: none"> Advanced Network System, Random signal theory and coding |
| Research And Guidance | |
| Invited as Resource Person/ Expert/ Evaluator | <ul style="list-style-type: none"> Sr. No. Venue Date 1 School of Physical Sciences, Solapur University, Solapur 12/4/2018 to 13/4/2018 Expert: Lecture on Optical Communication 2 V.V.P. Institute of Engineering & Technology Solapur 21/3/2016 Expert: Lecture on Optical Communication 3 S P M Polytechnic, Kumathe 26/2/2014 Expert: Lecture on Optical Fiber Cable |
| Total Journal Paper Publications | 6 |
| Total Conference Paper Publications | 5 |
| Scopus Indexed | 3 |
| Detailed Journal Publication list | <ol style="list-style-type: none"> Multi-Atlas Image Segmentation of Thoracic & Abdominal Anatomy, ISSN:2349-6002, Jan 2020, Volume6, Issue6 Jan 2020, IJIRT Performance Analysis of Convolution Code and Turbo code based on BER, 10th June 2019, Volume6, Issue6 June 2019, JETIR. Hybrid Binarization for Restoration of Degraded Historical Document, ISSN(Online): 2319-8753, Vol. 6, Issue 7, July 2017, IJIRSET Design and Implementation of Controlling Vehicle direction using brain Rhythms, 2347-6710, June 2016, volume5, Issue 6, IJIESET An Overview of Controlling Vehicle Direction Using Brain Rhythms, 2319-7064 March 2016, volume5, Issue 3, IJSR Robust Feature Selection Approach for Object Tracking, 2349-4395, June 2014 Volume2, Issue 3, IJEERT. |
| Detailed Conference Publication list | <ol style="list-style-type: none"> M. D. Mali and S. S. Chorage, "Spectrally Efficient Multiple Input Multiple Output (MIMO) Non-Orthogonal Multiple Access (NOMA) Technique for Future Wireless Communication," 2022 2nd Asian Conference on Innovation in Technology (ASIANCON), Ravet, India, 2022, pp. 1-5, doi: 10.1109/ASIANCON55314.2022.9908664. S. V. Munkanpalli, S. P. Sagat and M. D. Mali, "Design and development of EEG controlled mobile robots," 2016 IEEE International Conference on Advances in Electronics, Communication and Computer Technology (ICAECCT), Pune, India, 2016, pp. 133-138, |

3. Mali, M.D., S.R., K. (2012). Robustness Test Analysis of Histogram Based Audio Watermarking. In: Venugopal, K.R., Patnaik, L.M. (eds) Wireless Networks and Computational Intelligence. ICIP 2012. Communications in Computer and Information Science, vol 292. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-31686-9_72

FDP/STTP/Workshop Attended: 14

| Sr.No | Title | Organized by | Dates from to | Duration in Weeks/ Months |
|-------|---|---|--------------------------|---------------------------|
| 1 | Electric Vehicle | N B Navale Sinhgad College of Engineering,Solapur | 2023-02-27 to 2023-03-03 | 1 week |
| 2 | Deploying and Running your Application on Server | N B Navale Sinhgad College of Engineering,Solapur | 2023-03-24 to 2023-03-25 | 2 Days |
| 3 | Emerging Trends in AIML | Alamuri Ratnamala Institute of Engineering and Technology - [ARMIET], Thane | 2022-05-17 to 2022-05-22 | |
| 4 | Machine learning and it's applications | Sharad institute of Technology, Yadrav Ichalkaranji,Kolhapur | 2021-03-16 to 2021-03-20 | |
| 5 | Design and fabrication of VLSI Circuits | Government engineering college,Raipur | 2021-03-01 to 2021-03-05 | |
| 6 | NBA Orientation | SKN Engineering College,Pandharpur | 2020-10-22 to 2020-10-24 | 3 Days |
| 7 | Antenna Design and troubleshooting | Pillai College of Engineering, Mumbai | 2020-06-03 to 2020-06-07 | 1 week |
| 8 | Sensor, IoT & Machine Learning | K. J. Somaiya College of Engineering, Vidyavihar, Mumbai | 2020-06-01 to 2020-06-05 | |
| 9 | Signal , Image & Video processing : A practical approach | Government college Karad | 2020-05-26 to 2020-05-30 | |
| 10 | Antenna Design and troubleshooting | Pillai College of Engineering, Mumbai | 2020-06-03 to 2020-06-07 | |
| 11 | Scilab and LATEX Software for Research, computation and Publication | N B Navale Sinhgad College of Engineering | 2020-02-17 to 2020-02-18 | 1 week |
| 12 | 5 G Communication | NITTTR Chandigarh ICT Mode | 2019-11-18 to 2019-11-22 | 1 week |
| 13 | One day Workshop on LINUX | ICT Mode IIT Bombay | 2019-08-23 to 2019-08-23 | 1 day |
| 14 | Python Workshop | ICT Mode IIT Bombay | 2019-06-22 to 2019-06-22 | 1 day |

Mooc/ Other Courses Attended: 2

| Sr.No | Title | Organized by | Dates from to | Duration in Weeks/ Days |
|-------|---|--------------|--------------------------|-------------------------|
| 1 | Latex101X for students, Engineers and Beginners | IIT Bombay | 2021-01-26 to 2021-05-28 | 4 months |
| 2 | Latest MIMO Technologies for 5G Networks and IoT, Massive MIMO, | IIT Kanpur | 2020-07-27 to 2020-08-03 | 1 week |

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|--|--|--|--|
| mm Wave MIMO, NOMA, Cooperative Communication, Cognitive Radio and IoT | | | |
|--|--|--|--|

Other Activities**Professional Memberships**

1. ISTE Membership No-LM 107097
2. IAENG Membership No-206554
3. ISRD Membership No-M4150905028

Major Projects Handled

1. Safety suit for women, Landmine detection using IoT

Personal Details**Employee Code**

SOL/KG/03/B/950

Adhar Card Number

586922444061

Pan Card Number

ATHPM9065B