



# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

An Autonomous Institute Affiliated to Savitribai Phule Pune University  
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra  
Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes



## Department of Computer Engineering

### Faculty Profile

#### Prof. Dr M A Pradhan

PhD (Computer Engineering and Science)

Associate Professor

✉ [mapradhan@aisssmscoe.com](mailto:mapradhan@aisssmscoe.com)

[madhavipradhan@gmail.com](mailto:madhavipradhan@gmail.com)

☎ (020) 26058587; Extn: 1404

🌐 <https://scholar.google.com/citations?user=u5-8yZ4AAAAJ&hl=en>

🌐 <https://www.linkedin.com/in/madhavi-pradhan-63bab49a>



#### Research Areas/ Areas of Interest

Machine Learning, Clinical data Mining, Soft computing

#### Personal Details

**Date of Birth :** 30 / 04 / 1968

**Domicile:** Maharashtra

**Gender :** Female

**Blood Group:** A+ve

**Contact Details:** 9, Anushka Society, Bhau Patil Road, Bopodi  
Pune – 411020

## Academic Background

| S. NO. | Qualification                               | Specialization                   | University                                                         | Class/Grade                  | Year of Passing |
|--------|---------------------------------------------|----------------------------------|--------------------------------------------------------------------|------------------------------|-----------------|
| 1      | Ph.D.                                       | Computer Science and Engineering | Shri Sant Gadge Baba Amaravati University, Amaravati , Maharashtra | --                           | 2015            |
| 2      | M.Tech.                                     | Software Engineering             | Mysore University, Karnataka                                       | First Class with Distinction | 1999            |
| 3      | B.E.                                        | Computer Engineering             | Amaravati University, Amaravati , Maharashtra                      | First Class                  | 1990            |
| 4      | Postgraduate Diploma in Business Management | Finance                          | Amaravati University, Amaravati , Maharashtra                      | First Class                  | 1991            |

## Work Experience

| S. No. | Type of Experience | Years | Months |
|--------|--------------------|-------|--------|
| 1      | Teaching           | 32    | 09     |
| 2      | Research           | 03    | 00     |
| 3      | Industry           | 00    | 00     |
| 4.     | Others             | --    | --     |

|              |           |           |
|--------------|-----------|-----------|
| <b>Total</b> | <b>32</b> | <b>09</b> |
|--------------|-----------|-----------|

### Subjects/Courses Taught

| <b>S. No.</b> | <b>Subject</b>                               | <b>UG/PG</b> | <b>Class (FE/SE/TE/BE/ME)</b> | <b>No of times Subject Taught</b> |
|---------------|----------------------------------------------|--------------|-------------------------------|-----------------------------------|
| 1             | Software project management                  | UG           | TE (Computer Engg)            | 03                                |
| 2             | Information System and Engineering Economics | UG           | TE (Computer Engg)            | 02                                |
| 3             | Machine Learning                             | UG           | BE (Computer Engg)            | 04                                |
| 4             | Research Methodology                         | PG           | FYME (Computer Engg)          | 05                                |
| 5             | Operation research                           | PG           | FYME (Computer Engg)          | 03                                |
| 6             | Business Intelligence and Data Mining        | PG           | FYME (Computer Engg)          | 03                                |
| 7             | Software Engineering                         | UG           | BE (Computer Engg)            | 05                                |
| 8.            | Artificial Intelligence                      | UG           | BE (Computer Engg)            | 03                                |
| 9             | Database Management                          | UG           | TE (Computer Engg)            | 03                                |
| 10            | Software Engineering                         | UG           | SE (Computer Engg)            | 03                                |

### Research Publications

|                    | <b>National</b> | <b>International</b> | <b>State</b> | <b>SCI/ Scopus Indexed</b> | <b>UGC Approved</b> |
|--------------------|-----------------|----------------------|--------------|----------------------------|---------------------|
| <b>Journals</b>    | 00              | 49                   | 00           | 09                         | 20                  |
| <b>Conferences</b> | 07              | 14                   | 03           | 13                         | --                  |

## Publication Details (Journals)

| S. No | Document Details                                                                                                                                          | Authors                       | Year | Source Details                                             | ISBN / ISSN        | Publisher                                                  |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------|------------------------------------------------------------|--------------------|------------------------------------------------------------|
| 1     | Custom Image Dataset Preparation and Image Processing for Tomato Disease Detection<br>191-199<br>volume 26 Issue 4                                        | Pradhan and et.al             | 2026 | JZU- Engineering Science                                   | ISSN: 1008-973X    | JZU- Engineering Science                                   |
| 2     | Dynamic Retrieval-Augmented Generation (RAG) Chatbot System for Citation Aware, Document-Grounded Conversational AI<br>Volume 57 Issue 5<br>2026<br>27-30 | Raghunandan Joshi and Pradhan | 2026 | JZU NATURAL SCIENCE                                        | ISSN NO :1671-6841 | JZU NATURAL SCIENCE                                        |
| 3     | AI-Powered Mock Interview Platform<br>Volume 12 Issue 11, April 2026<br>13308-13314                                                                       | Pradhan and et.al             | 2026 | International Journal of Innovative Research In Technology | ISSN: 2349-6002    | International Journal of Innovative Research In Technology |

|   |                                                                                                                                                                                                 |                    |      |                                                                                              |                 |                                                                                     |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------|----------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|
| 4 | Model Building for Tomato Plant Disease Detection Using Machine Learning<br>Volume 14 Issue 4                                                                                                   | Pradhan and et.al  | 2026 | Journal of Technology                                                                        | ISSN: 10123 407 | Journal of Technology                                                               |
| 5 | InterviewAI: A Multimodal, LLM-Powered Technical Interview Simulation Framework with Real-Time Biometric Proctoring, Psychometric Scoring, and Adaptive Cognitive Assessment<br>Volume 12 Issue | Pradhan and et.al  | 2026 | International Journal of Innovative Research In Technology                                   | ISSN: 2349-6002 | International Journal of Innovative Research In Technology                          |
| 6 | Handwritten Text Digitizer<br>Volume 6, Issue 2<br>446-454                                                                                                                                      | Pradhan and et.al  | 2026 | International Journal of Advanced Research in Science, Communication and Technology          | ISSN: 2581-9429 | International Journal of Advanced Research in Science, Communication and Technology |
| 7 | Optimizing Cardiovascular Disease Detection Using Ranking-                                                                                                                                      | Deokar and Pradhan | 2025 | DOI: <a href="https://doi.org/10.48084/etasr.11923">https://doi.org/10.48084/etasr.11923</a> | eISSN-1792-8036 | Engineering, Technology & Applied Science Research                                  |

|    |                                                                                                |                                |      |                    |                                          |                                                         |
|----|------------------------------------------------------------------------------------------------|--------------------------------|------|--------------------|------------------------------------------|---------------------------------------------------------|
|    | Based Feature Selection Machine Learning Models, Vol. 15, No. 5, 2025, 28172-28178.            |                                |      |                    |                                          |                                                         |
| 8  | Smart Boundaries: Classifying Cardiovascular Disease Risk Using AI                             | Deokar and Pradhan             | 2025 |                    | 1671-6841                                | JZU<br>NATURAL<br>SCIENCE                               |
| 9  | Leaf-Based Identification and Classification of Medicinal Plant using Learning algorithm       | Pradhan and et.al              | 2025 |                    | 0923-4748 (print) and 1879-1719 (online) | Journal of Engineering and Technology Management        |
| 10 | Optimizing Medicinal Plants Leaf Classification through Image Pre-Processing and Deep Learning | Dr M A Pradhan and Syali Kapse | 2025 | Aportesjournal.com | ISSN 0213-5868                           | Aportes                                                 |
| 11 | Yoga Pose Detection And Feedback Generation                                                    | Pradhan and et.al              | 2024 | www.ijraset.com    | ISSN: 2321-9653                          | International Journal for Research in Applied Science & |

|    |                                                                                                      |                                |      |                                                                                            |                 |                                        |
|----|------------------------------------------------------------------------------------------------------|--------------------------------|------|--------------------------------------------------------------------------------------------|-----------------|----------------------------------------|
|    |                                                                                                      |                                |      |                                                                                            |                 | Engineering<br>Technology<br>(IJRASET) |
| 12 | Design a classifier to assess the quality of medicinal plant using learning algorithms               | Dr M A Pradhan and Syali Kapse | 2024 | Alochana journal                                                                           | ISSN: 2231-6329 | Alochana journal                       |
| 13 | A survey of load balancing methods in cloud computing environment                                    | Kolte and Pradhan              | 2024 | Alochana Journal                                                                           | ISSN 2231-6329  | Alochana journal                       |
| 14 | Efficient use of machine learning methodologies and Explainable AI to predict cardiovascular disease | Deokar and Pradhan             | 2024 | Alochana journal                                                                           | ISSN: 2231-6329 | Alochana journal                       |
| 15 | Decentralized Storage Rental System (249-251)                                                        | Kolte and Pradhan              | 2023 | International Journal for Research in applied science and Engineering Technology (IJRASET) | ISSN 2321-9653  | IJRASET                                |
| 16 | Leveraging BERT for Enhanced Stock Market Prediction:                                                | Pradhan and et.al              | 2023 | International Journal for novel research                                                   | ISSN 2456-4184  | IJNRD                                  |

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|----|---------------------------------------------------------------------------------------------|---------------------|------|----------------------------------------------------------------------------------------------|------------------|-----------------------|
|    | A Comprehensive review (489-492)                                                            |                     |      | and development (IJNRD)                                                                      |                  |                       |
| 17 | Prediction of cardiovascular diseases using explainable AI                                  | Deokar and Pradhan  | 2023 | Taylor and Francis                                                                           | 97810 0339 3580  | Taylor and Francis    |
| 18 | Flexible-responsive data replication methodology for optimal performance in cloud computing | Kolte and Pradhan   | 2023 | Taylor and Francis                                                                           | 97810 0339 3580  | Taylor and Francis    |
| 19 | Disk Comparison to achieve a load-balanced solution in Azure cloud systems                  | Kolte and Pradhan   | 2022 | SAMRIDDHI - A Journal of Physical Sciences, Engineering & Technology Vol. 14 Special Issue 3 | ISSN 2229-7111   | SAMRIDDHI             |
| 20 | Criminal record management system using blockchain public ledger                            | Pradhan and et.al   | 2022 | SAMRIDDHI - A Journal of Physical Sciences, Engineering & Technology Vol. 14 Special Issue 3 | ISSN 2229-7111   | SAMRIDDHI             |
| 21 | Survey of diabetic retinopathy classification using deep learning                           | Shetkar and Pradhan | 2022 | Dogo Rangsang Journal                                                                        | ISSN : 2347-7180 | Dogo Rangsang Journal |

|    |                                                                                      |                           |      |                                                                                               |                                        |         |
|----|--------------------------------------------------------------------------------------|---------------------------|------|-----------------------------------------------------------------------------------------------|----------------------------------------|---------|
|    | Techniques to enhance the finding using colour                                       |                           |      |                                                                                               |                                        |         |
| 22 | Fake News Prediction Using Machine Learning for Social Media Dataset<br>10704- 10708 | Pradhan                   | 2022 | International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) | e- ISSN: 2319-8753, p- ISSN: 2320-6710 | IJIRSET |
| 23 | An Approach for Fake News Detection on Social Media Reviews Using Machine Learning   | Pradhan                   | 2022 | International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) | e- ISSN: 2320-9801, p- ISSN: 2320-9798 | IJIRSET |
| 24 | Ethereum Blockchain based Repository for Criminal Data Containment                   | Madhavi Pradhan and et.al | 2022 | International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) | ISSN<br>ISSN<br>2581<br>-9429          | IJARSCT |
| 25 | ITSM Using AI Chat-Bot and Data Visualizers                                          | Pradhan and et.al         | 2022 | International Journal for Research in Applied Science & Engineering Technology (IJRASET)      | ISSN<br>2321<br>-9653                  | IJRASET |

|    |                                                                                                      |                            |      |                                                                         |                    |          |
|----|------------------------------------------------------------------------------------------------------|----------------------------|------|-------------------------------------------------------------------------|--------------------|----------|
| 26 | Implementation of Information Technology Service Management Using Rasa Chat-Bot and Data Visualizers | Pradhan and et.al          | 2022 | JOURNAL OF ENGINEERING, COMPUTING & ARCHITECTURE                        | ISSN NO:1 934-7197 | JOECA    |
| 27 | Prediction of Chronic Kidney Disease Using Convolutional Neural Network                              | Nishanthi K and Pradhan    | 2021 | The International journal of analytical and experimental modal analysis | ISSN 0886-9367     | IJAEMA   |
| 28 | Review Paper on Prediction of Chronic Kidney Disease Using Convolutional Neural Network              | Nishanthi K and Pradhan    | 2021 | The International journal of analytical and experimental modal analysis | ISSN 0886-9367     | IJAEMA   |
| 29 | Fact check using multinomial Naive Bayes                                                             | Madhavi Pradhan and et. al | 2021 | Smart Computing Techniques and Applications. Smart Innovation,          | ISSN 2190-3018     | Springer |

|    |                                                                                     |                            |      |                                                                      |                   |          |
|----|-------------------------------------------------------------------------------------|----------------------------|------|----------------------------------------------------------------------|-------------------|----------|
|    |                                                                                     |                            |      | Systems and Technologies, vol 224. Springer                          |                   |          |
| 30 | Smart City Waste Management System using Internet of Things and Machine Learning    | Madhavi Pradhan and et. al | 2021 | International Research Journal of Engineering and Technology (IRJET) | e-ISSN :2395-0056 | IRJET    |
| 31 | A study of use of internet of things and machine learning in smart waste management | Madhavi Pradhan and et. al | 2021 | International Research Journal of Engineering and Technology (IRJET) | ISSN 2320-5407    | IRJET)   |
| 32 | Data augmentation on skin lesion image data using gan for increased cnn performance | Madhavi Pradhan and et. al | 2021 | International Research Journal of Engineering and Technology (IRJET) | e-ISSN: 2395-0056 | IRJET    |
| 33 | Open Banking using Voice Enabled Personal Assistants                                | Madhavi Pradhan and et.al  | 2020 | International Journal for Research in Applied Science &Engineering   | ISSN: 2321-9653   | IJRA SET |

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|----|-------------------------------------------------------------------------------------------------|----------------------------------|------|--------------------------------------------------------------------------------------------------------------|----------------------------------------|---------|
|    |                                                                                                 |                                  |      | Technology<br>(IJRASET)                                                                                      |                                        |         |
| 34 | Fake News<br>Detection Methods<br>: Machine Learning<br>Approach                                | Madhavi<br>Pradhan<br>and et. al | 2020 | International Journal<br>for Research in<br>Applied Science &<br>Engineering<br>Technology<br>(IJRASET)      | ISSN:<br>2321-<br>9653                 | IJRASET |
| 35 | Study on Feature<br>Selection in Data<br>Mining                                                 | Madhavi<br>Pradhana<br>nd et. al | 2019 | International Journal<br>for Research in<br>Applied Science &<br>Engineering<br>Technology<br>(IJRASET),     | ISSN:<br>2321-<br>9653                 | IJRASET |
| 36 | Detection of<br>Chronic Disease<br>using Machine<br>Learning<br>Techniques                      | Madhavi<br>Pradhan<br>and et. al | 2019 | International Journal<br>for Research Trends<br>and<br>Innovation(IJRTI)                                     | ISSN:<br>2456-<br>3315                 | IJRTI   |
| 37 | Novel approach<br>torecommend the<br>places byusing<br>user's social media<br>point of interest | Madhavi<br>Pradhan<br>and et. al | 2018 | International Journal<br>of Innovative<br>Research in<br>Science,Engineerin<br>g and Technology<br>(IJIRSET) | ISSN<br>2319-<br>8753                  | IJRASET |
| 38 | A survey on Novel<br>approach to<br>recommendthe<br>places by using                             | Madhavi<br>Pradhan<br>and et. al | 2017 | International Journal<br>of Innovative<br>Research in<br>Computer and<br>Communication                       | ISSN<br>(Onli<br>ne):<br>2320-<br>9801 | IJIRCCE |

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|----|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------|-------------------------------------------------------------|-----------------|----------|
|    | user's social media point of interest                                                                                               |                            |      | Engineering (IJIRCCE)                                       |                 |          |
| 39 | Comparative Study of Classification Algorithm on Heart Disease Dataset                                                              | Madhavi Pradhan and et. al | 2018 | International Journal of Creative Research Thoughts (IJCRT) | ISSN: 2320-2882 | IJCRT    |
| 40 | Binary Classifier For Prediction of Heart of Heart Disease Using Decision Tree                                                      | Madhavi Pradhan and et. al | 2018 | International Journal of Creative Research Thoughts (IJCRT) | ISSN: 2320-2882 | IJCRT    |
| 41 | R-GA: an efficient method for predictive modeling of medical data using a combined approach of random forests and genetic algorithm | Madhavi Pradhan and et. al | 2016 | ICTACT JOURNAL ON SOFT COMPUTING                            | ISSN: 2229-6956 | ICTACT   |
| 42 | Web- waggier to harvest deep web interface                                                                                          | Madhavi Pradhan and et. al | 2017 | IJETSR                                                      | ISSN 2394-3386  | ICRTE SM |
| 43 | Detecting and eliminating the disk bottlenecks in data domain deduplication file system with Low-overheads                          | Madhavi Pradhan and et. al | 2017 | IJIACS                                                      | ISSN 2347-8616  | ICRTE SM |
| 44 | Advance crawler to explore the data of                                                                                              | Madhavi Pradhan and et. al | 2016 | International Journal of innovative                         | ISSN (Onli      | IJIRCCE  |

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|----|------------------------------------------------------------------------------------------------------------------------------|----------------------------|------|----------------------------------------------------------------------------------------|--------------------------|---------|
|    | today's and tomorrow's world                                                                                                 |                            |      | research computer and communication Engineering                                        | ne): 2320-9801           |         |
| 45 | A review on DARE: A Deduplication – Aware Resemblance Detection and Elimination Scheme for Data Reduction with Low overheads | Madhavi Pradhan and et. al | 2016 | International Journal of innovative research computer and communication Engineering    | ISSN (Online): 2320-9801 | IJIRCCE |
| 46 | Breaking New Grounds: Realization of “ALL EAR” Screen Readers                                                                | Madhavi Pradhan and et. al | 2016 | International journal of Computer Science Trend and Technology(IJCST)                  | ISSN: 2347-8578          | IJCST   |
| 47 | Improve the Classification Accuracy of the Heart Disease Data Using Discretization                                           | Madhavi Pradhan and et. al | 2015 | International Journal of Innovative Research in Advanced Engineering (IJIRAE)          | ISSN No. 2349-2163       | IJIRAE  |
| 48 | Random Forest Classifier for Learning Approaches: A Survey                                                                   | Madhavi Pradhan and et. al | 2015 | International Journal of Innovative Research in Computer and Communication Engineering | ISSN (Online): 2320-9801 | IJIRCCE |
| 49 | Nearest Neighbor Classification over                                                                                         | Madhavi Pradhan and et. al | 2015 | International Journal of Innovative                                                    | ISSN (Online)            | IJIRCCE |

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|----|-------------------------------------------------------------------------------------------------|----------------------------|------|-------------------------------------------------------------|---------------------|-------|
|    | Semantically Secure Encrypted Relational Data:A Survey                                          |                            |      | Research in Computer and Communication Engineering          | ne): 2320-9801      |       |
| 50 | Designing a Parallel Hybrid and Commercial Movie Recommendation System                          | Madhavi Pradhan and et. al | 2015 | International journal of Current Engineering and Technology | E-ISSN 2277         | IJCET |
| 51 | Design of Multi-Class Classifier for Prediction of Diabetes using Linear Support Vector Machine | Madhavi Pradhan and et. al | 2014 | International journal of Engineering and Research (IJERT)   | ISSN No. 2278-0181  | IJERT |
| 52 | Comparative Study of Soft Computing Techniques on Medical Datasets                              | Madhavi Pradhan and et. al | 2014 | International journal of Science and Research (IJSR)        | ISSN No. 2319-7064  | IJSR  |
| 53 | Predictive Modelling of Clinical Data Using Random Forest Algorithm and Soft Computing          | Madhavi Pradhan and et. al | 2014 | International journal of Science and Research (IJSR),       | ISSN No. 2319-7064. | IJSR  |
| 54 | Classifier for Detection of Diabetes using Support Vector Machine                               | Madhavi Pradhan and et. al | 2012 | International Journal of Data Warehousing & Mining (IJDWM)  | ISSN 2249-2186      | IJDWM |
| 55 | A Genetic Programming Approach for                                                              | Madhavi Pradhan and et. al | 2012 | International Journal of Computational                      | ISSN No.            | IJCER |

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|----|------------------------------------------------------------------------------------------------------------|---------------------------------|------|-----------------------------------------------------------------------------------------------------|--------------------------|-------|
|    | Detection of Diabetes                                                                                      |                                 |      | Engineering Research (IJCER)                                                                        | 2250-3005                |       |
| 56 | Design of Classifier For Detection of Diabetes Using Neural Network and Fuzzy k-Nearest Neighbor Algorithm | Madhavi Pradhan and et. al      | 2012 | International Journal of Computational Engineering Research (IJCER)                                 | ISSN No. 2250-3005       | IJCER |
| 57 | Predictive Modelling of Clinical Data using Soft Computing – Diabetes a Case Study”                        | Madhavi Pradhan and G R Bamnote | 2011 | International Journal of Computer & Communication (IJCC)                                            | ISSN No. 0976-568        | IJCC  |
| 58 | Advanced Methodologies Employed in Ensemble of Classifiers: A Survey"                                      | Madhavi Pradhan and et. al      | 2014 | International Journal of Science and Research (IJSR)                                                | ISSN (Online): 2319-7064 | IJSR  |
| 59 | An Automated system for making city smart using Internet of Things (98-102)                                | Madhavi Pradhan and et. al      | 2017 | International Education and Research Journal (IERJ)                                                 | 2454-9916                | IERJ  |
| 60 | Predictive Modelling of Clinical Data using Soft Computing – Diabetes a Case Study” (Abstract)             | Madhavi Pradhan and G R Bamnote | 2011 | International Journal of Applied Engineering Research (IJAER), April 2011, Volume 6, No. 5, pp 1214 | ISSN 0973-4562           | IJAER |

### Publication Details (Conferences)

| S. No | Document Details                                                                                 | Authors                       | Year | Conference Details                                                                         | ISBN | Organised by                             |
|-------|--------------------------------------------------------------------------------------------------|-------------------------------|------|--------------------------------------------------------------------------------------------|------|------------------------------------------|
| 1     | Cardiovascular Filtering by Dominant Attributes using Chi-Square Test for the Framingham Dataset | Deokar and Pradhan            | 2026 | 6 th International Conference on recent trends in Engineering , Technology and Managemen t |      | Suguna College of Engineering Coimbatore |
| 2     | Dynamic Retrieval-Augmented Generation (RAG) Chatbot System                                      | Raghunandan Joshi and Pradhan | 2026 | 6 th National Conference on Innovation in Engineering and Technology                       |      | AISSMS College of Engg, Pune             |
| 3     | Data driven Assessment of medicinal plants                                                       | Lambture and Pradhan          | 2025 | 4th IEEE International Conference on Blockchain                                            |      | IEEE Xplore                              |

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|---|----------------------------------------------------------------------------|----------------------------------|------|------------------------------------------------------------------------------------------------------------|--|---------------|
|   |                                                                            |                                  |      | Distributed Systems and Security (IEEE ICBDS – 2025)                                                       |  |               |
| 4 | “Exploring Learning algorithm to qualitatively assess medicinal plants     | Lambture and Pradhan             |      | 9 th International Conference on Smart Trends in Computing and Communications(Smart Com – 2025)(Proceeding |  | SmartCon 2025 |
| 5 | Disk comparison to achieve a load-balanced solution in Azure cloud systems | Snehal Kolte and Madhavi Pradhan | 2022 | 2nd National Conference on Engineering and Technology 2022                                                 |  | AISSMS COE    |
| 6 | Criminal Record management system UsingBlock chain public ledger           | Madhavi Pradhan and et. al       | 2022 | 2nd National Conference on                                                                                 |  | AISSMS COE    |

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|----|--------------------------------------------------------------------------------------------|----------------------------|------|-----------------------------------------------------------------------------------------------|---------------|------------------------------|
|    |                                                                                            |                            |      | Engineering and Technology 2022                                                               |               |                              |
| 7  | An Approach for Fake news Detection on Social Media Reviews using Machine Learning         | Madhavi Pradhan and et. al | 2022 | cPGCON-2022                                                                                   |               | BoS Computer Engg) and MMCOE |
| 8  | Fact Check with multinomial Naive Bayes                                                    | Madhavi Pradhan and et. al | 2020 | 4th International Conference on SMART COMPUTING & INFORMATICS (SCI2020)                       |               | Springer and CSI             |
| 9  | IoT for smart city: Improvising smart environment                                          | Madhavi Pradhan and et. al | 2017 | International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS) | IEEE explorer | IEEE                         |
| 10 | K-NN data classification technique using semantic search on encrypted relational data base | Madhavi Pradhan and et. al | 2016 | (ICCUBE)                                                                                      | IEEE explorer | IEEE                         |

|    |                                                                                                             |                                 |      |                                                                                  |                           |          |
|----|-------------------------------------------------------------------------------------------------------------|---------------------------------|------|----------------------------------------------------------------------------------|---------------------------|----------|
| 11 | Design of Classifier for Detection of Diabetes using Soft Computing                                         | Madhavi Pradhan and et. al      | 2014 | Regional Research Conference for Pune University College Teachers                |                           | SPPU     |
| 12 | Design of Classifier for Detection of Diabetes Mellitus using Genetic Programming                           | Madhavi Pradhan and G R Bamnote | 2014 | FICTA 2014 Springer-Advances of Intelligent Systems and Computing                | ISBN No: 978-3-319-1933-5 | Springer |
| 13 | Efficient Binary Classifier for Prediction of Diabetes using Data Pre-processing and Support Vector Machine | Madhavi Pradhan and G R Bamnote | 2014 | FICTA 2014 Springer-Advances of Intelligent Systems and Computing                | ISBN No: 978-3-319-1933-5 | Springer |
| 14 | Design of Classifier for Detection of Diabetes using Genetic Programming”                                   | Madhavi Pradhan and et. al      | 2011 | International Conference on Computer Science and Information Technology (ICCSIT) | ISBN 978-81-922428-2-8    | ICCSIT   |
| 15 | Detecting and eliminating the disk bottlenecks in data domain                                               | Madhavi Pradhan and et. al      | 2017 | 5th International                                                                |                           | IETE     |

|    |                                                                                                         |                                 |      |                                                                                                                 |                    |                                            |
|----|---------------------------------------------------------------------------------------------------------|---------------------------------|------|-----------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------|
|    | deduplication file system with low-overheads                                                            |                                 |      | Conference on Research Trends in Engineering , Applied Science and Management (ICRTE SM-2017)                   |                    |                                            |
| 16 | Web-Waggler to Harvest Deep web Interface                                                               | Madhavi Pradhan and et. al      | 2017 | 5th International Conference on Research Trends in Engineering , Applied Science and Management (ICRTE SM-2017) |                    | IETE                                       |
| 17 | Recent Trends in IDS Approaches and tools                                                               | D.P Gaikwad and Madhavi Pradhan | 2009 | NCFA-09                                                                                                         |                    | NCFA-09                                    |
| 18 | Design of classifier for Detection of Diabetes using Neural Network & Fuzzy kNearest Neighbor Algorithm | Madhavi Pradhan and et. al      | 2012 | 3 <sup>rd</sup> International Research symposium                                                                | ISSN No. 2249-7455 | Choice Institute of Management Studies and |

|    |                                                                                                           |                                          |      |                                                                                                                |                                    |                                                                                                                    |
|----|-----------------------------------------------------------------------------------------------------------|------------------------------------------|------|----------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|    |                                                                                                           |                                          |      | on<br>managemen<br>t,<br>Technology<br>and<br>Engineering<br>Science                                           |                                    | Research and<br>International<br>Association of<br>Academics and<br>Researchers                                    |
| 19 | Performance Improvement by<br>Clustering                                                                  | Madhavi<br>Pradhan<br>and et. al         | 2010 | 2 <sup>nd</sup> National<br>Conference<br>on<br>Information<br>& Software<br>Engineering<br>Feb 2010           |                                    | IEEE<br>Computer<br>Society<br>,Madras<br>Chapter                                                                  |
| 20 | Security Against Cross Scriptin<br>(XSS) Attacks Signature Based<br>Model on Server Side (Full Paper)     | Madhavi<br>Pradhan<br>and et. al         | 2011 | International<br>Conference<br>on Computer<br>Architecture<br>Networking<br>and<br>Application<br>7-8 Jan 2011 | ISBN:<br>978-93-<br>80697-<br>42-0 | NMAM<br>Institute of<br>Technology<br>Nitte<br>In association<br>with Penn<br>State<br>Universities,<br>Harrisburg |
| 21 | Predictive Modeling of Clinical<br>Data using Soft Computing<br>Diabetes a Case Study (as a<br>Abstract). | Madhavi<br>Pradhan<br>and G R<br>Bamnote | 2011 | National<br>Conference<br>on<br>CONVERGI<br>NG<br>TECHNOLO<br>GY<br>BEYOND<br>2020 (CTB-<br>2020)              |                                    | Institute of<br>Engineering<br>and<br>Technology,<br>Kurukshetra<br>University<br>University,<br>Kurukshet         |
| 22 | Security Against Cross Scripting<br>(XSS) Attacks SignatureBased<br>Model on Server Side (Abstract)       | Madhavi<br>Pradhan<br>and et. al         | 2011 | International<br>Conference<br>& Workshop<br>on<br>Emerging<br>Trends in                                       |                                    | Thakur<br>College of<br>Engineering<br>& Technolgy, M<br>umbai in Co-<br>operation with                            |

|    |                                                                                   |                            |      |                                                                                           |  |                                |
|----|-----------------------------------------------------------------------------------|----------------------------|------|-------------------------------------------------------------------------------------------|--|--------------------------------|
|    |                                                                                   |                            |      | Technology<br>Feb 2011<br>ISBN:978-1-4503-0449-8<br>Poster, pp13<br>68-1368               |  | ACM SIGART<br>USA              |
| 23 | Detection of Diabetes using soft computing                                        | Madhavi Pradhan and et. a  | 2015 | INNOVATIO<br>N2K15                                                                        |  | SPPU and<br>DYPIEMR,<br>Akurdi |
| 24 | Design of Classifier for Detection of Diabetes using Support Vector Machine (SVM) | Madhavi Pradhan and et. al | 2012 | National Conference on Emerging trends in Engineering and Technology (VNCET)<br><br>VNCET |  | VCET Vasai                     |

#### PhD / ME / BE Student Guided for Project

| Level                 | Ph.D. | M.E. (PG) | B.E. (UG) |
|-----------------------|-------|-----------|-----------|
| No. of Student guided | 4     | 12        | 62        |

#### Professional Memberships

| Professional Body | Level<br>( National/ International) | Type<br>(Fellow/Life/Annual) | Membership No. |
|-------------------|-------------------------------------|------------------------------|----------------|
| ISTE              | National                            | Life                         | LM5783         |
| CSI               | National                            | Life                         | N0071001       |

#### Patents/IPR Filed/Granted

| S. No | Investigator Details | Title                            | Year | Status<br>(Filed/Granted) | Details      |
|-------|----------------------|----------------------------------|------|---------------------------|--------------|
| 1     | Urmila Kalshetti     | System and method for physically | 2026 | Filled                    | 202621001079 |

|   |                                                       |                                                                                          |      |            |                                                                        |
|---|-------------------------------------------------------|------------------------------------------------------------------------------------------|------|------------|------------------------------------------------------------------------|
|   | and<br>Madhavi<br>Pradhan                             | feasible, context<br>aware motion<br>narrative generation<br>for text-to motion<br>model |      |            | Date of filling<br>5/1/2026                                            |
| 2 | Dr<br>Madhavi<br>Ajay<br>Pradhan                      | ECG based<br>Automatic and<br>Dyanamic system for<br>Heart Disease<br>Prediction         | 2021 | Filled     | Application<br>number<br>:202121035174<br>Date of filling:<br>4/8/2021 |
| 2 | A S<br>Deokar<br>and Dr<br>Madhavi<br>Ajay<br>Pradhan | CARDIOVASCULAR<br>RISK<br>MONITORING<br>DEVICE                                           | 2024 | registered | 453075-001                                                             |

### Books Published

| S.<br>No | Title                         | Name of the<br>Publisher                                            | ISBN/ISSN<br>Number         |
|----------|-------------------------------|---------------------------------------------------------------------|-----------------------------|
| 1        | Humanities and social science | Dreamtech<br>Press and<br>distributed by<br>Wiley India Pvt.<br>Ltd | ISBN: 978-81-<br>7722-847-2 |

### Research Grants Received

| <b>S. No</b> | <b>Program</b>                                                         | <b>Duration</b> | <b>Funding Agency</b> | <b>Grant Amount</b>                                                 |
|--------------|------------------------------------------------------------------------|-----------------|-----------------------|---------------------------------------------------------------------|
| 1.           | Research Proposal                                                      | 2009-11         | BCUD, SPPU, Pune      | INR1.4 Lacs                                                         |
| 2            | Two days state level Seminar from Savitribai Bai Phule Pune University | 2013            | BCUD, SPPU, Pune      | INR 25000                                                           |
| 3            | Workshop                                                               | 2013            | Nature Talent Academy | INR 5000<br>(for annual institutional fees of CSI for 2014-15)      |
| 4            | Campus Connect                                                         | 2015            | Infosys Ltd           | INR 75000 worth text books for departmental library from InfosysLtd |

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

| <b>S. No</b> | <b>Title</b>                                                                                | <b>Type</b>                                   | <b>Duration</b>            | <b>Level (State/National/ International)</b> | <b>Sponsoring Agency</b>                     |
|--------------|---------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------|----------------------------------------------|----------------------------------------------|
| 1            | Syllabus revision Information Technology Board of Studies (Distributed System 2019 pattern) | Meet                                          | 18 May 2022 to 3 June 2022 | University level                             | SPPU Information Technology Board of Studies |
| 2            | Coffee with alumni                                                                          | Meet (Team member in organization of Program) | 4 July 21                  | College level                                | AISSMSCOE                                    |

|    |                                                                           |                       |                       |               |                              |
|----|---------------------------------------------------------------------------|-----------------------|-----------------------|---------------|------------------------------|
|    |                                                                           |                       |                       |               |                              |
| 3  | Department Advisory Board                                                 | Meet                  | 15 Dec 21             | College level | AISSMSC0E                    |
| 4  | Software based case studies for development of Multidisciplinary projects | FDP                   | 25 Nov to 29 Nov 2021 | College level | AISSMSC0E                    |
| 5  | How to select BE Project topic and Area                                   | Seminar               | 26 Aug 2021           | College level | AISSMSC0E                    |
| 6  | Spring Services                                                           | Workshop              | 14 March 21           | College level | AISSMSC0E                    |
| 7  | Gender Equality, Lets Rise from Shadows                                   | International webinar | 15 July 2020          | International | AISSMSC0E                    |
| 8  | Swayamsidha Hackathon 2020                                                | Hackathon             | 26-30 Aug 2020        | National      | AISSMSC0E                    |
| 9  | Cyber Security for Girls                                                  | Seminar               | 20 Mar 2019<br>1 day  | College       | SPPU and Computer Department |
| 10 | Gender Equality                                                           | Seminar               | 30 Jan 2019<br>1 day  | College       | SPPU and Computer Department |
| 11 | CO, PO and PSO Framing and Mapping                                        | Workshop              | 10 Oct 17<br>1 day    | State         | AISSMSCOE                    |
| 12 | Second Year Computer Engineering syllabus revision meet                   | Meet                  | 20/4/2016             | Regional      | Board of Studies , Computer  |

|    |                                                                        |                  |                                |         |                                                             |
|----|------------------------------------------------------------------------|------------------|--------------------------------|---------|-------------------------------------------------------------|
|    |                                                                        |                  |                                |         | Engineering and Modern College of Engg.                     |
| 13 | Industry Institute Interaction                                         | Meet             | One day<br>04 March 2017       | College | AISSMSCOE                                                   |
| 14 | Two days state level Seminar from Savitribai Bai Phule Pune University | Seminar          | 05 - 06 Feb 2014<br>(Two Days) | State   | SPPU and AISSMSCOE                                          |
| 15 | Careers in Network Security                                            | Seminar          | 19 July 2013<br>1 day          | College | AISSMSCOE & Skill factory                                   |
| 16 | Android-Tech Hunt 2013 Workshop                                        | Workshop         | 13-14 Aug 2013<br>(02 days)    | College | AISSMS & Nuture Talent                                      |
| 17 | Seminar on "Career Guidance"                                           | Seminar          | 30 August 2012                 | College | Computer Dept, T.Param(TIME )                               |
| 18 | Workshop on " Ethical Hacking and information Security"                | Workshop         | 1 Sept and 2 Sept 2012         | College | Computer Dept, Kyrion Technologies                          |
| 19 | Stress Management and Meditation                                       | Workshop         | 23 <sup>rd</sup> Sept 2012     | College | Computer Dept, Dr B K Smita(Brahma kumara Vishwa Vidyalaya) |
| 20 | Industry Institute Interaction                                         | Meet             | 30 July 2013                   | College | AISSMSCOE                                                   |
| 21 | Video Conferencing with OrganicBots, USA                               | Video conference | 24- 25 Feb                     |         | Coordinator AISSMSCOE                                       |

|    |                                                                                          |                  |                           |               |                                                                         |
|----|------------------------------------------------------------------------------------------|------------------|---------------------------|---------------|-------------------------------------------------------------------------|
|    | Project presentation and Faculty interaction                                             |                  | 2018                      | International |                                                                         |
| 22 | Interactive session with students by OrganicBots                                         | Seminar          | 20/12/17                  | International | Coordinator<br>AISSMSCOE<br>and<br>OrganicBots<br>Representative<br>USA |
| 23 | Skype interaction with OrganicBots of short listed students                              | Seminar          | 10/10/20                  | International | Coordinator<br>AISSMSCOE                                                |
| 24 | Industry Institute Interaction                                                           | Meet             | One day<br>04 Mar<br>2017 |               | Coordinator<br>AISSMSCOE<br>Computer<br>Department                      |
| 25 | Video Conferencing with OrganicBots, USA<br>Project presentation and Faculty interaction | Video Conference | 24 -25<br>Feb<br>2018     | International | Coordinator<br>AISSMSCOE                                                |
|    |                                                                                          |                  |                           |               |                                                                         |

### Contribution as Resource Person

| S. No. | Place/ Organization                                                                                                               | Topic                            | Level(National/Int/ State/Regional) | Date             |
|--------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------|------------------|
| 1      | Department of Artificial Intelligence and Data Science at Prof Ram Meghe Institute of Technology and Research, Badnera – Amravati | Design Thinking                  | Regional                            | 17 February 2025 |
| 2      | AISSMS Polytechnic                                                                                                                | Unsupervised learning algorithms | State                               | 30 jan 2024      |

|    |                                                                                                                  |                                                                                                                                                    |           |                        |
|----|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------|
| 3  | AISSMSCOE                                                                                                        | Design thinking                                                                                                                                    | Natrional | 19 Aug 2022            |
| 4  | AISSMSCOE                                                                                                        | Application of Machine Learning in Multidisciplinary Engineering Applications                                                                      | Regional  | 25 Nov 2021            |
| 5  | Department of Information Technology,SKN College of Engineering, Pune-, in Association With BoS-IT, SPPU, Pune   | Project Based Learning (PBL)                                                                                                                       | Regional  | 29 Jan 21              |
| 6  | PRMIT&R, Badnera, Amaravati                                                                                      | Open Access Publishing                                                                                                                             | National  | 30/06/2020             |
| 7  | Internal Quality Assurance Cell of Padmashri Dr. V.B. Kolte College of Engineering, Malkapur,Buldana,Maharashtra | Test items Design                                                                                                                                  | National  | 12/05/2020             |
| 8  | Dept of Computer Engg of Padmashri Dr. V.B. Kolte College of Engineering, Malkapur,Buldana, Maharashtra          | Conducted fours session Design of predictive model, Classification - Decision tree, Unsupervised learning (Clustering), Metrics for Classification | National  | 15/6/2020 to 18/6/2020 |
| 9  | Dept of Computer Engg MMCOE, Pune                                                                                | Learners Assessment and Evaluation                                                                                                                 | Regional  | 19/06/2020             |
| 10 | Sponsored by ISTE and organized by AISSMS College of Engineering, Pune                                           | Test item design for different types of learner                                                                                                    | Regional  | 12/12/2019             |

|    |                                                                        |                                         |                                            |            |
|----|------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------|------------|
| 11 | Computer Dept College of Engg and Tech, Akola                          | Data Mining                             | College                                    | 03/02/2020 |
| 12 | Matoshri College of Engineering & Research centre, Nashik              | Fundamentals of Programming languagesII | Regional (Sponsored by University of Pune) | 20/2/2017  |
| 13 | Pimpri Chinchwad College of Engineering, Pune                          | Programming languages I                 | Regional (Sponsored by University of Pune) | 30/12/2016 |
| 14 | AISSMS College of Engineering                                          | Machine Learning and Soft computing     | National                                   | 06/02/2014 |
| 15 | Pimpri Chinchwad College of Engineering , Pune                         | Use of Open Source Technology           | Regional                                   | 15/01/2007 |
| 16 | JSPMS Narhe Technical campus, Pune                                     | Humanities and Social Science           | College                                    | 02/07/2011 |
| 17 | Institute of Industrial and Computer Management & Research, Pune       | Analysis Model                          | State level                                | 8/4/2008   |
| 18 | MMCOE,Pune                                                             | Working with opensource Technologies-   | Regional (Sponsored by University of Pune) | 9/3/2011   |
| 19 | PCCOE Pune in association with Board of Studies , Computer Engineering | cPGCON2016 (Session chair)              | Regional                                   | 26/3/2016  |
| 20 | DYPCOE, Pune in association with SPPU                                  | National Conference on                  | National                                   | 17/2/2015  |

|    |                                            |                                                               |                                   |                                                 |
|----|--------------------------------------------|---------------------------------------------------------------|-----------------------------------|-------------------------------------------------|
|    |                                            | Frontiers in Computing<br>(Session chair)                     |                                   |                                                 |
| 21 | Rajashri Shahu college<br>Latur            | Clinical Data Mining<br><br>Invited Talk and resource person. | UGC Sponsored National Conference | 18/1/2014                                       |
| 22 | SKNCOE, Pune                               | System program And Operating System                           | Regional                          | SPPU                                            |
| 23 | PRMIT&R, Badnera, Amaravati                | Data Mining-weka tool                                         | Regional                          | PRMIT&R, Badnera, Amaravati                     |
| 24 | Mitra Mandal's College of Engineering Pune | Symposium<br>"Dexterity 2k12"                                 | Regional                          | 2 <sup>nd</sup> -<br>3 <sup>rd</sup> March 2012 |
| 25 | TECHVIBGYOR'12                             | MMCOE, Pune                                                   | Regional                          | 6 March 2012                                    |

### Details of Workshop/STTP/FDP/Conferences Attended

| S. N | Title                                                                              | Type     | Duration               | Organizer                                 | Sponsoring Agency                         |
|------|------------------------------------------------------------------------------------|----------|------------------------|-------------------------------------------|-------------------------------------------|
| 1    | Artificial Intelligence in the Era of Industry 5.0: Concepts, Tools & Applications | FDP      | 17/2/2026 to 21/2/2026 | Vishwakarma Institute of Technology, Pune | IEEE                                      |
| 2    | REVOLUTIONARY AI: Blending Generative Power With Learning Machines                 | FDP      | 16/12/2024 20/12/2024  | Vishwakarma Institute of Technology, Pune | Vishwakarma Institute of Technology, Pune |
| 3    | Health care and MedTech for Swastha Bharat using AI                                | ATAL FDP | 03/02/2025             | 08/02/2025                                | AICTE                                     |
| 4    | Business Analytics                                                                 | FDP      | 5/2/2024               | 9/2/2024                                  | EXCELR AISSMSCOE                          |

|    |                                                                                                                           |         |                          |                                                                                 |                                           |
|----|---------------------------------------------------------------------------------------------------------------------------|---------|--------------------------|---------------------------------------------------------------------------------|-------------------------------------------|
| 5  | Faculty development program on "Education 4.0 in higher education                                                         | FDP     | 31/7/2023 to 4/8/2023    | VIIT, Pune in as with CSI, Pune ch                                              | VIIT, Pune                                |
| 6  | Current Research Trends in Computer Engineering                                                                           | FDP     | 28 March to 1 April 2022 | DYPIT Pimpri                                                                    | DYPIT Pimpri                              |
| 7  | Introduction to lean Six Sigma and its importance for Professionals                                                       | Webinar | 5 Mar 22                 | TRIZ Chapter AISSMSCOE                                                          | AISSMSCOE                                 |
| 8  | National intellectual property awareness mission                                                                          | Webinar | 25 Mar 2022              | Intellectual Property Office, India                                             | AISSMSCOE                                 |
| 9  | Research Funding and Patent Filing                                                                                        | FDP     | 25 Oct to 29 Oct 2021    | Department of Information Technology, Sinhgad Institute of Technology, Lonavala | Sinhgad Institute of Technology, Lonavala |
| 10 | Software based case studies for development of Multidisciplinary projects                                                 | FDP     | 25 Nov to 29 Nov 2021    | Department of Computer Engineering in association with development AISSMS COE   | AISSMSCOE                                 |
| 11 | Software project management                                                                                               | FDP     | 11 Aug 2021              | RMD Sinhgad college of Engineering in association with SPPU                     | RMD Sinhgad college of Engineering        |
| 12 | Research & Quality Publication: Practices and Tools                                                                       | FDP     | 20 Dec to 24 Dec 2020    | COEP Pune and Manipal Technical University(MTU) , Imphal                        | TEQIP-III                                 |
| 13 | IPR and Problem statement                                                                                                 | Webinar | 12 Aug 2020              | MMCOE, Pune                                                                     | MMCOE, Pune                               |
| 14 | Enhancing Quality of Education of Online Teaching Through Outcome Education                                               | Webinar | 5 July 2020              | AISSMSCOE                                                                       | AISSMSCOE                                 |
| 15 | Effective and efficient writing of research papers for web of science, Scopus indexed journal and Conference papers using | Webinar | 1 July 2020              | AISSMSCOE, Pune                                                                 | AISSMSCOE Pune                            |

|    |                                                                                       |         |                                |                                                                                      |                                                  |
|----|---------------------------------------------------------------------------------------|---------|--------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------|
|    | Typeset Research studio                                                               |         |                                |                                                                                      |                                                  |
| 16 | Innovative technology for rural development                                           | Webinar | 8 Aug 2020                     | AISSMSCOE, Pune                                                                      | AISSMSCOE Pune                                   |
| 17 | NAAC Process, Review & Reformation                                                    | Webinar | 12 July 2020                   | AISSMSCOE, Pune                                                                      | AISSMSCOE Pune                                   |
| 18 | STTP on "Digital Transformation"                                                      | FDP     | 11 to 13 June 2020             | Department of Computer Engineering, AISSMSCOE, Pune                                  | AISSMSCOE Pune                                   |
| 19 | Recent Trends & Innovations in Digital Forensic                                       | FDP     | 25th May-2020 to 30th May-2020 | Department of Computer Engineering, AISSMS Institute of Information Technology, Pune | AISSMS Institute of Information Technology, Pune |
| 20 | Advanced Teaching Tools and methodology for outcome based education                   | FDP     | 1 to 5 June 2020               | AISSMS College Engg, Pune                                                            | AISSMS College Engg, Pune                        |
| 21 | National Level FSDP on "Modern Technologies and Self Development"                     | FSDP    | 8 to 10 June 2020              | Department of Computer Engineering, AISSMSCOE                                        | AISSMSCOE                                        |
| 22 | NAAC                                                                                  | Webinar | 15 April 21                    | PES Modern College                                                                   | PES Modern College                               |
| 23 | IIPS                                                                                  | FDP     | 22 to 27 June 21               | Production Department, AISSMSCOE                                                     | AISSMSCOE                                        |
| 24 | Promoting Quality Culture in Technical Institutions                                   |         | 25 to 29 May 2020              | Internal Quality Assurance Cell of AISSMCOE                                          | UGC Paramarsh Scheme                             |
| 25 | Staff development Program                                                             | STTP    | 25-26 Aug 2016                 | AISSMSCOE                                                                            | AISSMSCOE                                        |
| 26 | Faculty development Program                                                           | FDP     | 6-8 May 2013                   | AISSMSCOE                                                                            | AISSMSCOE                                        |
| 27 | Two week faculty Development program on "Machine Learning and data Mining approaches" | FDP     | March 28-April 6, 2013         | College of Engineering, Pune                                                         | AICTE                                            |

|    |                                                                                                    |              |                            |                                                             |                                         |
|----|----------------------------------------------------------------------------------------------------|--------------|----------------------------|-------------------------------------------------------------|-----------------------------------------|
| 28 | Component Based Engineering & software Architecture                                                | STTP         | 23-27 June 2008            | Army Institute of technology , Pune                         | AICTE-ISTE                              |
| 29 | Software Engineering                                                                               | FDP          | 22-28 Dec 2007             | Persistent Systems Ltd, Pune                                | Software Exporters' Association of Pune |
| 26 | 10 <sup>th</sup> Faculty Enablement Program on Foundational Computer Sc. Courses – Ind Perspective | FDP          | 4-16 June 2006             | Infosys Technologies Ltd, Pune                              | Infosys Technologies Ltd                |
| 30 | Short Term training Program of Two weeks on Networking: Theory to Practi                           | STTP         | 2-20 June 2003             | Fr. Conceicao Ro College of Engineering, Bandra (W), Mumbai | ISTE- AICTE                             |
| 31 | Short Term training Program On Advances in Neural Computing                                        | STTP         | 26 July to 7 August 1999   | SJCE, Mysore Karnataka                                      | AICTE-ISTE                              |
| 32 | Automation of theory Question Paper generation and allied activities from Question Bank            | Work shop    | 3 Feb 2017                 | Pune Vidhyarthi Griha's College of Engineering              | SPPU                                    |
| 33 | Emerging Trends in Security in IT                                                                  | Work shop    | 5th -6th March 2010        | College of Engineering, Pune                                | COEP                                    |
| 34 | RationalEnterpriseSuite-forOOADUsingUML                                                            | Work shop    | 22-24 April2008            | IBMSoftwareEduc                                             | AISSMSCOE                               |
| 35 | Detailing of Syllabus ME ComputerEngineeringand MEComputerNetworking                               | Work shop    | 9Nov2013.                  | DeptKJCollegeo fEngineering&M anagementRese arch,Pune       | Computer Engg, UOP andComput er         |
| 36 | National Conferenceon Convention of Computer Society of India                                      | Conf erenc e | 01-3Dec 2011               | CSI Ahmadabad Branch                                        | Computer Socie ty ofIndia , Ahmadabad   |
| 37 | NationalConferenceonCom puterNetworksandImage Processing Techniques                                | Conf erenc e | 11 <sup>th</sup> Sept201 2 | AISSMS IOIT,Pune                                            | AISSMS IOIT,Pune                        |
| 38 | NationalConference on High Performance ComputingandMachineInte lligence                            | Conf erenc e | 3 <sup>rd</sup> Feb2012    | MIT Pune                                                    | MIT Pune                                |

|    |                                                                                                                    |            |                 |                                     |                  |
|----|--------------------------------------------------------------------------------------------------------------------|------------|-----------------|-------------------------------------|------------------|
| 39 | 3 <sup>rd</sup> International Research symposium on management, Technology and Engineering Science                 | Conference | 18-19 oct 2012  | Kolhapur                            | Choice Institute |
| 40 | International conference for convergence of technology                                                             | Conference | 6-8April 2014   | Pune                                |                  |
| 41 | 3 <sup>rd</sup> International conference on frontiers in intelligent computing theory and application (FICTA-2014) | Conference | 14-15 Nov 2014  | Bhubaneswar                         | Springer         |
| 42 | S.E(ComputerEngineering) Syllabus Finalization                                                                     | Workshop   | 14 Feb 2009     | SinhgadCollege of Engineering, Pune | SPPU             |
| 43 | Implementation of New Syllabus BE Computer Engineering                                                             | Workshop   | 5 February 2007 | PICT                                | SPPU             |

### Major Professional Responsibilities Handled

| S. No. | Role and Responsibilities                                                                    |
|--------|----------------------------------------------------------------------------------------------|
| 1      | Board of studies Information Technology SPPU, member                                         |
| 2      | Board of studies Computer Engineering Pimpri Chinchawad College of Engineering, Pune, Member |
| 3      | Board of studies Computer Engineering MKSS Cummins College of Engineering, Pune, Member      |
| 4      | Board of studies Computer Engineering VIIT , Pune, Member                                    |
| 5      | Technical Committee member of SPPU                                                           |
| 6      | Member of Departmental Advisory Committee of D J Sanghavi College of Engg, Mumbai            |
| 7      | Worked as Board of studies Coordination Committee member                                     |
| 8      | Worked as In charge Head of Department                                                       |
| 9      | Incharge of Research and Development at department level                                     |
| 10     | Laboratory Incharge                                                                          |
| 11     | SPOC for Infosys Campus Committee                                                            |
| 12     | Chairman Women Grievance Cell                                                                |

|    |                                                                      |
|----|----------------------------------------------------------------------|
| 13 | Chairman Internal Complaint Committee                                |
| 14 | Steering committee member NAAC                                       |
| 15 | Industry Institute Interaction                                       |
| 16 | Chairman Staff Events                                                |
| 17 | Senior Supervisor for University Examination                         |
| 18 | Subject Chairman                                                     |
| 19 | Practical Chairman                                                   |
| 20 | Local Inquiry Committee member                                       |
| 21 | Staff Selection Committee member for UGC interviews                  |
| 22 | Flying SCOD member SPPU                                              |
| 23 | Worked as Coordinator AISSMS- OrganicBots, USA, Incubation Centre    |
| 24 | Worked as Core committee member Online Examination SPPU              |
| 25 | Task force member of College level NBA committee in VCET, Vasai      |
| 25 | Managing committee member of Computer Society of India ,Pune Chapter |

## Awards Received

| S. No. | Awards                                                                                                                                                         |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | International Paper Presenter Award by Computer Society of India, 2012, Trophy and certificate                                                                 |
| 2      | Best paper award on an article entitled Crawler to Harvest Deep Web Interface in 6 <sup>th</sup> PostGraduate Conference of Computer Engineering (cPGCON 2017) |

|   |                                                                                                                                                       |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |                                                                                                                                                       |
| 3 | Best paper award on an article Data Mining and Information retrieval in 7 <sup>th</sup> PostGraduate Conference of Computer Engineering (cPGCON 2018) |
| 4 | Best Student Branch Award ” by ComputerSociety of India in 2008-09, 2010-11 and 2011-12                                                               |

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

**Dr M A Pradhan**

Dr Madhavi Ajay Pradhan