

Mrs. Shilpa A. Sanap



G1- 201, Udyog Indrakamal,
Gut no 70/p, Plot No -12,
Opposite MIT, Beed Bypass Road
Aurangabad – 431001(Maharashtra)

- Email: shilpa.sanap@gmail.com
shilpa.sanap@mit.asia
-Mobile: 9405347993

Educational Qualification

	Registration Date
➤ Ph.D. Pursuing Dr Babasaheb Ambedkar Marathwada University Aurangabad ,Maharashtra.	Jan-2020
➤ Master of Computer Science and Engg. Dr Babasaheb Ambedkar Marathwada University Aurangabad ,Maharashtra.	2006- 2009 Distinction CGPA 8.54 (77.92%)
➤ Bachelor of Computer Science and Engg... Dr Babasaheb Ambedkar Marathwada University Aurangabad ,Maharashtra.	1999 - 2002 First Class 64.86 %
➤ H.S. C. Kesharbai Sonajirao Kshirsagar Kaku College, Beed Aurangabad Board	1998 Distinction (80.67 %)
➤ S.S. C. Champavati Mahavidyalaya Beed Aurangabad Board	1996 Distinction (76.66 %)

Work Experiences: 17 years 7 months

- **Asst. Professor (Sr.G)**, Dept of Computer Science and Engg. **3rd Aug 2011 to till date** Marathwada Institute of Technology , Aurangabad
- **Lecturer.** Department of Master of Computer Application **20 July 2010 to 29 July 2011**
MGM's Jawaharlal Nehru College of Engineering, Aurangabad
- **Lecturer.** Department of Information Technology **20 Feb 2007 to 22-Aug 2007**
MGM's Jawaharlal Nehru College of Engineering, Aurangabad

➤ **Lecturer.** Dept of Computer Science and Engg.
Government Residential Women's Polytechnic, Latur

29 Oct 2003 to 10 Apr 2006

Academic Distinctions

- ✓ Received **TOP 1 % performer Gold Elite certificate** for Python for Data Science from NPTEL
- ✓ Successfully completed **Oracle Academy Java Foundations** Course March 2022
- ✓ Successfully Completed **Pre Phd. Course Work** with **Outstanding Grade** June-Jul 2021
- ✓ Completed IIT Bombay Workshop on Latex for Students, Engineers ,Scientists with **99% Grade**
- ✓ Completed **Infosys** Private Ltd. Training with **A+ Grade** on Python Programming through INFYTQ Platform Conducted by Infosys Limited Pune 22 June 2020 to 29 June 2020
- ✓ Completed **Coursera Course** on Machine learning for Business Professionals -Google Cloud Training
- ✓ Received **TOP 5 % performer Gold Elite certificate** for Programming In Java Course from NPTEL

Certifications

- ✓ Microsoft Power BI Data Analyst -2023,
- ✓ Oracle Academy -Database Foundations-2023,
- ✓ AWS - Introduction to Machine Learning- Art of the possible-2023,
- ✓ Masterclass on Data Science Pantech e Learning-2023
- ✓ Coursera-Machine Learning for Business Professionals

Website Development for MIT Group of Institutions

Actively worked as team member of website development. Revamped engg.mit.asia website in the academic year 2017-18. I have created MIT-NETRA website in the year 2018 and Marathwada Medtech Lab(MMTL) website in the year 2020 for the institute.

I also worked on revamping of engg.mit.asia website from Feb 2020 to Dec 2020. The revamped website was launched successfully in the month of December 2020.

In the month of Jan 2021 I have designed a website in WordPress for **SMART POLICE HACKATHON** a technical project competition organized by Police Commissioner ,Aurangabad

Websites developed

1. **2018-engg.mit.asia (Team member)**
2. **2018 -MIT NETRA**
3. **2020-Marathwada MedTech Lab**
4. **2020- Industry Institute Interaction Wing**
5. **2021-SMART POLICE HACKATHON**

<https://smartpolicehackathon2021.wordpress.com/>

I have also carried out website updates from 2018 till date to ensure websites of MIT group of institution are up to date. The websites are updated as and when the updates are received from higher authorities and head of the departments. The website updates include creating web pages, editing web-pages, deleting web pages adding forms, uploading images, generating sitemap, updating information related to faculty, infrastructure, facilities, events, examination notices, circulars, fees structure, AQAR, NAAC, SSR, timetable, announcements, industrial visits, testimonial, alumni, achievements, placements and many more. List of website updated till date along with duration is as follows.

Website Update Details

Year	Updated Websites
2018-2020	https://www.mit.asia
2018-2020	https://www.engg.mit.asia
2018-2020	https://www.nursing.mit.asia
2018-2020	https://foodtechnology.mit.asia
2019-2020	ICSCAI Conference website
2020-till date	https://www.engg.mit.asia

Subjects Taught

- ✓ Object Oriented Programming in C++
- ✓ Computer Fundamentals
- ✓ Programming in Java
- ✓ Database Management Systems
- ✓ Operating Systems
- ✓ Computer Programming in C
- ✓ HTML and Java Script
- ✓ Object Oriented Programming in Java
- ✓ Data Science with R
- ✓ ASP.net
- ✓ Probability Theory and Random Processes
- ✓ Object Oriented Systems
- ✓ Computer Graphics
- ✓ Python Programming
- ✓ Machine Learning
- ✓ Business Intelligence
- ✓ Data Analytics
- ✓ Data Structures

- ✓ Data Wrangling and Visualization
- ✓ Professional Ethics and Corporate Social Responsibility

International Journal Publications: 05

Sr. No	Title of Paper	Name of journal	Authors	ISSN ESSN No.	Volume Issue	Year
1	Deep- Web Interface Completely Harvested by Crawler	International Journal of Multidisciplinary Educational Research	Pragati Pandit, Prof. Shilpa Sanap	ISSN-2277-7881	Vol 5 Issue 4	2016
2	Load Balancing in Public Cloud Using Partitioning Mechanism	International Research Journal of Engineering & Technology	Dipratna Waghmare, Prof. Shilpa Sanap	E-ISSN:2395-0056, p-ISSN: 2395-0072(pp 1031 - 1034)	Vol 2 Issue 7	2015
3	“Intelligent Heart Disease Prediction System Using Data Mining Techniques”	International Journal of Health Care & Biomedical Research	Suvarna Ishtake, Shilpa Sanap,		Vol 1 Issue 3	2013
4	Efficient Mining of Frequent Item Sets on Large Uncertain Databases	International Journal of Research in Advent Technology (IJRAT)	Ms.Madhuri K. Waghchore, Prof.S.A.Sanap	(E-ISSN:2321-9637)	Volume9 , Issue 9- September 2021, DOI: 10.32622/ijrat.99202107	2021
5	Passive IP Trace Back: Disclosing the Locations of IP Spoofer’s from Path Backscatter	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Sneha S. Bhalerao1, Prof. Shilpa A Sanap2	e-ISSN: 2319-8753, p-ISSN: 2347-6710 Impact Factor: 7.569 DOI:10.15680/IJIRSET.2022.11102055	Volume 11, Issue 3, March 2022,	2022

6	A Literature Survey of Multi Class Support Vector Machine Based Plant Leaf Disease Induction from Color Texture and Shape Pictures: A Review Page	Journal of Computing Technologies	Rahul Jangle, Shilpa Sanap	No.-1-5ISSN/ISBN-2278-3814-7.26 08/19/2023	Volume 12 Issue 8	Aug 2023
7	“Plant Leaf Diseases Detection Using Image Processing Based Segmentation and Morphological Operation Multi Level” SVM	Journal of Emerging Technologies and Innovative Research (JETIR)	Rahul Jangle, Shilpa Sanap	(ISSN-2349-5162)	Volume 11, Issue 1	Jan 2024

International Conference Papers Published: 02

Sr. No	Title of Paper	Name of Conference	Year
1	Classification of Anemia Using Data Mining Techniques	Anil Neerukonda Institute of Technology And Sciences, Sangivalasa, Visakhapatnam,(SEMCCO 2011) Part II, LNCS 7077, pp. 113–121, 2011. India, Springer Digital Library https://link.springer.com/chapter/10.1007/978-3-642-27242-4_14	2011
2.	“Intelligent Heart Disease Prediction System Using Data Mining Techniques”	International conference on Emerging Trends in Computer Science & Information Technology KK Wagh Institute of	2012

		Engineering Education & Research Nashik,India(ETCSIT-2012)	
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National Conference Papers Published: 01

1. National Conference Advanced Computing and Communiactaion Technology Intelligent Heart Disease Prediction System Using Naïve Bayes Pravara Rural Engineering College, Loni,Ahmednagar 6th and 7th March 2013

Workshop / Seminar Organized:

1. Worked as Organizing Committee member of GenAI Hackathon 2023
2. Worked as Organizing Committee member Short Term Training Program on “Business Intelligence With Advanced Excel & Power BI” Date: 13th Feb to 17th Feb 2024
3. Organize an Expert Talk on “Career Opportunities in Data Engineering and Cloud Computing” by Mrs. Priyanka Kapadia, Google Cloud Authorized Trainer @ CloudThat, on 14/12/2023 at 10:15 am for S. Y. B CSE
4. Worked as Organizing Committee member of One Week Faculty Development Program On "Data Science Expedition - Insight with Machine Learning and Deep Learning” From 1st July to 5th July 2024
5. Worked as Organizing Committee member of NewGenAI Hackathon 2024
6. Worked as Organizing Committee member of workshop on “Ethical Hacking” from 19 Sept to 21 Sept 2024
7. Worked as Coordinator for a Five days Workshop on” Social Media Analytics” organized in association with NIELIT, 15 April 2025 to 19 April 2025.

Workshop / Seminar attended:

Sr. No.	Name of Workshop/Training /STTP	Venue	Date
1.	Workshop on Faculty	Jawaharlal Nehru College of	2010

	Development Program	Engineering , Aurangabad	
2.	One week Workshop on High Impact Teaching Skills (Mission 10X-Wipro)	Mahatma Gandhi Mission's Jawaharlal Nehru Engineering College MGM Campus, N-6, CIDCO, Aurangabad- 431003	18 April 2011
3.	Mission10X Certification Workshop	Mahatma Gandhi Mission's Jawaharlal Nehru Engineering College MGM Campus, N-6, CIDCO, Aurangabad- 431003	22/7/2011To 23/07/2011
4.	Research directions in Cloud Computing Organized by Dyanganga Institute of Engg. And research , Pune & CSI	Dyanganga Institute of Engg. And research , Pune	From 15/11/11 to 16/11/11.
5.	Research Methodology and Advances in computer Science Organized by CSI and Department of Computer Science & Engg. and Department of Information Technology, MIT , Aurangabad .	Marathwada Institute of technology, Aurangabad	30th April to 5th May 2012
6.	ISTE workshop on "Introduction to Research Methodologies" conducted by IIT-Bombay with MIT(E) as remote center	Marathwada Institute of technology, Aurangabad	25th June to 4th July 2012.
7.	ISTE Workshop on Aakash for Education	Marathwada Institute of technology, Aurangabad	November 10th, & 11th, 2012
8.	Two-week ISTE workshop on "Database management systems" conducted by IIT-Bombay with MIT(E) as remote center	Marathwada Institute of technology, Aurangabad	May 21st to 31st May 2013
9.	FDP on "Faculty & Content Development"organized by MIT A and CSI Aurangabad Chapter	Marathwada Institute of technology, Aurangabad	8th July 2013 to 10th July 2013.
10.	Soft Computing, ANN and Fuzzy Applications in Engineering	Deogiri Institute of Engineering and Management Studies, Auranganbad	30-Nov-2015 to 5-Dec- 2015
11.	Big Data & Analytics with R	Marathwada Institute of Technology, Aurangabad	4/6/2016 to 9/6/2016
12.	FDP on Core Java And	Marathwada Institute of Technology,	2-Jan-2017 to 8-Jan-

	Advanced Java	Aurangabad	2017
13.	AICTE Approved Faculty Development Program FDP101X : Foundation Program in ICT for Education	Conducted by Indian Institute of Technology Bombay (IIT Bombay) at Marathwada Institute of Technology, Aurangabad	8-March-2018 to 12-April-2018
14.	AICTE Approved Faculty Development Program FDP201X : Pedagogy for Online and Blended Teaching-Learning Process	Conducted by Indian Institute of Technology Bombay (IIT Bombay) at Marathwada Institute of Technology, Aurangabad	3 May 2018 to 30 May 2018
15.	Python and Internet of Things Workshop	Marathwada Institute of Technology, Aurangabad	25-Jun-2018 to 30-Jun-2018
16.	Python Workshop	Conducted by Indian Institute of Technology Bombay (IIT Bombay) at Marathwada Institute of Technology, Aurangabad	22 June 2019
17.	Star Android Programming	Online Webinar	21 May 2020
18.	Foundation Course on Digital Marketing	360DigiTMG India	20 April 2020 to 24 April 2020
19.	Machine Learning for Business Professionals-Coursera	Two week Google cloud training by Coursera	15 May 2020
20.	“Machine Learning and Social Networking”	Kavikulguru Institute of Technology and Science Ramtek, Nagpur	2 July 2020 to 4 July 2020
21.	‘NAAC - REVISED ACCREDITATION FRAMEWORK	Marathwada Shikshan Prasarak Mandal’s DEOGIRI COLLEGE, AURANGABAD	19 June 2020
22.	Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop	Conducted by Indian Institute of Technology Bombay (IIT Bombay)	17-May - 2020
23.	Python Programming through INFYTQ Platform	Faculty Enablement Program Conducted by Infosys Limited	22 June 2020 to 29 June 2020
24.	Online Workshop on Universal Human Value	All India Council For Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi	20 to 24 Oct 2020

25.	Awareness of Intellectual Property Rights Phase 2	S. G. Balekundri Institute of Technology, Belangavi, Karnataka	7-12-2020 to 12-12-2020
26.	AICTE-RGPV Teachers raining Program on Applied Natural Language Processing	AICTE Approved TTP By Laxmi Narain College of Technology Excellence Bhopal	18-Jan-2021 to 23 Jan 2021
27.	Refresher Course on 'Data Science & Its Application'	Abha -Gaikwad Patil College of Engineering, Nagpur	30-Dec-2021 to 5 Jan 222
28.	IITBombayX: LaTeX101xLaTeX for Students, Engineers, and Scientists	Conducted by Indian Institute of Technology Bombay (IIT Bombay)	Sept 2021 to Nov 2021
29.	IBM- Python For DataScience	IBM-Conginitive AI	7 Dec 2021
30.	Java Foundations by Oracle Academy	Oracle Academy	25 March 2022
31.	Data Science: Tools and Research	VIIT Pune	1 st Nov 2022 to 5 th Nov 2022
32.	NBA Accreditation and Teaching-Learning in Engineering (NATE)" course, offered by NPTEL	NPTEL	Jan –Apr 2023
33.	Universal Human Values-II	All India Council for Technical Education (AICTE)	6 th Feb to 10 th Feb 2023
34.	Data Science Using Machine Learning	Oorganized by Pravara Rural Engineering College in Collaboration with ExcelR	2/1/2023 to 6/1/2023
35.	Statistics for Machine Learning	Great Learning	April 2023
36.	Database Foundations by Oracle Academy	Oracle Academy	18 April 2023
37.	21 Days Master Class on Data Science	Pantech E Learning	8 Nov 2023 to 2 Dec 2023
38.	Deep Learning Application development, Tools and Research	VIIT Pune	28 Feb to 4 th March 2023
39.	Introduction to Machine Learning: Art of the Possible	AWS certification and training	20 th Nov 2023
40.	Outcome Based Curriculum and Accreditation Criteria	NITTR, Chandigarh	03 Jul 2023 to 07 Jul 2023
41.	Data Analytics with Excel: Basic to Advanced	Dayananda College of Engineering in association with ExcelR	20 Nov 2023 to 1 st Dec

			2023
42.	Generative AI for Educators	Google	19 th Dec 2024
43.	Mastering AI Tools for Faculty Excellence	Vishwkarma Institute of Technology Pune	23 th Dec to 27 th Dec 2024
44.	MSFDA program Technology for Active Learning in Higher Education	Maharashtra State Faculty Development Academy (MSFDA) and Symbiosis Institute Pune	4 March to 6 March 2025
45.	NPTEL Python for Data Science	NPTEL FDP by Indian Institute of Technology Madras	Jan-Feb-2025
46.	Machine Learning	NITTR, Chandigarh	23 Jun to 27 Jun 2025(10 :00 to 4:00)
47.	National Level workshop on “Application Development with Ai and Essential Skills	GH Rasoni college of engineering and management pune in Association with Braino Vision	23 Jun to 27 Jun 2025 (7:00 to 8:00)
48.	NPTEL-FDP on Introduction to Machine Learning (8 weeks-)	IIT Kharagpur	Jul-Sept 2025
49.	NPTEL-FDP on Business Intelligence & Analytics 12 weeks	IIT Madras	Jan-Apr 2025
50.	NPTEL-FDP on Learning Analytics Tools 12 weeks	IIT Madras	Jul-Oct 2025
51.	Art of Journal Paper Writing: From Research to SCI / Scopus Publication	D. Y. Patil College of Engineering and Technology, Kolhapur, Maharashtra.	1st Dec. 2025 – 6th Dec 2025

NPTEL Certification

1. Jul-Sept 2025 Introduction to Machine Learning Elite Certificate 73 % (8 weeks-IIT Kharagpur)
2. Jan-Apr 2025 Business Intelligence & Analytics Elite Certificate 65 % (12-weeks IIT Madars)
3. Jul-Oct 2025 Learning Analytics Tools **Silver Elite** Certificate 75% (12 weeks IIT Madras)
4. Mar 2024 Python for Data Science **TOP 1 % performer Gold Elite certificate**
5. Mar-April 2019- Programming In Java- **TOP 5 % performer Gold Elite certificate**
6. Feb- Apr 2019 - Introduction to Research **Silver Elite** Certificate
7. Feb 2018- Data Mining- **Elite** Certificate
8. April 2018- Introduction to Machine Learning Certificate

Post Graduate Students Guided

1. Suvarna Ishtake Topic-Intelligent Heart Disease Prediction System Using Data Mining Techniques Year 2014
2. Dipratna Waghmare Topic -Load Balancing in Public Cloud Using Partitioning Mechanism Year 2015
3. Pragati Pandit Topic-Deep-Web Interface Competently Harvested by Crawler Year-2016
4. Madhuri Waghchure Topic-Efficient Mining of Frequent Item Sets on Large Uncertain Databases Year-2021
5. Sneha Bhalerao Topic- Passive IP Trace Back: Disclosing the Locations of IP Spoofer's from Path Backscatter Year-2021
6. Rahul Jangle Topic "Plant Leaf Diseases Detection Using Image Processing Based Segmentation and Morphological Operation Multi Level" SVM-2024

Guest Lectures Conducted

1. Expert session on "Inheritance in Java " for Second Year Computer Science and Engineering Students at Deogiri Institute of Engineering and Management studies, Aurangabad on 19 March 2019
2. Expert session on "Wordpress " for Second Year Computer Science and Engineering Students at Deogiri Institute of Engineering and Management studies, Aurangabad on 31 August 2019
3. Worked as Judge for State Level Technical Paper Presentation 'BRAINWAVES-2022' at MIT Polytechnic, Aurangabad on 17 March 2022
4. Expert session on "GUI using TKinter Library in Python " for Second Year and Third Year Electronics and Telecommunication Engineering Students at MIT, Aurangabad on 10 June 2022

Portfolio Assigned /Handled

Website Coordinator- central (2018-2022)

Teacher Guardian Coordinator

Under Study for May June 2015/16 Examination Committee member for Cybernetics, Annual Gathering

FY Admissions Social Media Committee-2021

Term work Coordinator

Faculty data, publications, training coordinator for NBA/NAAC

Outlook Survey departmental coordinator

Food committee member for Youth festival

Website Development Team Member-2017-18

FY Admissions Website Committee-2022
Oracle Academy Coordinator(2022)
Class Test Coordinator(DBATU-2022-23)
Class Test Coordinator(Autonomous-2024-25)
Oracle Academy Coordinator

Lab Incharge, Class Coordinator
ICSCAI Conference Organizing Committee Member

Professional Membership

1. Computer Society of India (CSI) Life Member No 01147731
2. ISTE Life Membership

Innovations in Teaching Learning

1. YouTube Channel- Easy Learn

<https://www.youtube.com/channel/UCEYDzp0q5WfufvGRajkd8dg>

2. Animated Videos

- a) <https://youtu.be/UDZglRTQWM>
- b) <https://youtu.be/ZouwpdxrTd8>
- c) <https://youtu.be/O-5aIdQE9vE>

3. Use of puzzles

4. Creating games to demonstrate difficult concept in easy way

5. Use of moodle for teaching learning

6. Created website for student <https://shilpasanap.wordpress.com/>

Extracurricular Activities

- 1. Received Silver Play Button from YouTube for my YouTube Channel “Shilpa’s Creativity” in 2019**
2. Consistently won prizes for Eco Friendly Ganesha decoration competition organized by Loksatta and Maharashtra Pollution Control Board as a part of initiative towards Save Environment Campaign from year 2010 to 2021.
3. Won prizes for Eco Friendly Ganesha Decoration from TV channels E TV & Star Plus, as well as from newspapers Lokmat & Sakal.

YouTube Channel (3 Lakh Subscribers)

<https://www.youtube.com/channel/UCOrW-9lc5Q5i9UXCLk6xZAw/>

Subscribers 300000(300k) as on date 7/6/2023
Joined Jul 18, 2016

51,244,817 views

700 Videos uploaded till date.

FaceBook Page (85 Thousand Followers)

<https://www.facebook.com/shilpascreativityrangoli>
85K followers as on date 1/5/2025

Personal Details

Name : **Shilpa A. Sanap**

Husbands Name : **Avinash P. Sanap**

Mother Name : **Chaaya**
Gender : **FEMALE**
Date of Birth : **02-10-1981**
Category : **NT D**

Marriage Status : **Married**

Permanent Address : **G1- 201, Udyog Indrakamal,
Gut no 70/p, Plot No -12,Opposite MIT,Beed Bypass Road
Aurangabad – 431001(Maharashtra)**

Language Known : **MARATHI,HINDI,ENGLISH.**

Declaration

I hereby declared that the above particulars about me are true to the best of my knowledge and belief.

Place: Aurangabad

Date: 1 /12 /2021

Mrs. Shilpa A. Sanap