



Dayanand Education Society's
Dayanand Science College, Latur

PERSONAL DETAILS

Name: Dr. Mrs. Jaju Sangita Ashok

Date of Birth: 03/05/1966

Phone: 9423775514

E-Mail: jaju.sangita@gmail.com



JOB DESCRIPTION

Unique ID :

Position: Assistant Professor

Date of Appointment: Dr. Mrs. Jaju Sangita Ashok

Date of retirement:

Department: Computer Science

Post Graduation: M. Sc. (Comp. sci.) 2000

Type of Association(Yes/No)

1. Permanent Faculty :
2. CHB :
3. Adjunct Faculty (Contract) : Yes
4. Visiting Faculty :

EDUCATION QUALIFICATION

| Degree | Institute | University | Year of passing | Grade / percentage |
|------------|--|--|-----------------|--------------------|
| Ph.D. | Swami Vivekanand Mahavidyalay, Udgir, (M.S.) | S.R.T.M.University Nanded | 2023 | |
| M.Phill | S.R.T.M. University, sub center, Latur. (M.S.) | S.R.T.M. University Nanded | 2015 | B+ |
| NET | - | - | - | - |
| SET | - | - | - | - |
| M. Sc. () | Yogeshwari Mahavidyalay, Ambajogai, M.S. | Dr. B. A. M. University, Aurangabad | 2000 | A 79.84% |
| P.G.D.C.S. | S.N.D.T. University, Santacruz, Mumbai. | S.N.D.T.University, Santacruz, Mumbai. | 1989 | First class |
| B. Sc. | Dayanand Science College, Latur | Marathwada University, Aurangabad | 1987 | First class |
| HSC | Dayanand Science College, Latur | HSC Aurangabad Board, Aurangabad | 1983 | Distinction 78% |
| SSC | Godavari Devi Lahoti Kanya Vidyalay, Latur | HSC Aurangabad Board, Aurangabad | 1981 | Distinction 80% |

WORK / TEACHING EXPERIENCE

| Department | Institute/college | University | Tenure/ duration |
|------------------|-------------------------------------|----------------------------|-------------------|
| Computer Science | Bidve Enggining College, Latur | S.R.T.M. University Nanded | 2 years, 9 months |
| Computer Science | Rajashree Shahu Mahavidyalay, Latur | S.R.T.M. University Nanded | 3 years |

| | | | |
|------------------|-----------------------------------|----------------------------|-------------------------------|
| Computer Science | Mahatma Basweshwar College, Latur | S.R.T.M. University Nanded | 3 years |
| Computer science | Dayanand Science College, Latur | S.R.T.M. University Nanded | From Last 24 years till today |

COURSES TAUGHT

| Department | Institute/college | University | Papers taught |
|------------------|-------------------------------------|----------------------------|--|
| Computer Science | Bidve Enggining College, Latur | S.R.T.M. University Nanded | Basic, Pascal, Fortran Languages Foxpro database |
| Computer Science | Rajashree Shahu Mahavidyalay, Latur | S.R.T.M. University Nanded | Fundamental of Computer , Basics of Computer, Wordstar, Lotus-123 Languages :Basic, Pascal, C, Database: Foxpro, DBASE-III, Operating System: DOS and Unix |
| Computer Science | Mahatma Basweshwar College, Latur | S.R.T.M. University Nanded | Fundamental of Computer C language, DOS operating system, Data Structure , Microprocessor-8085 |
| Computer science | Dayanand Science College, Latur | S.R.T.M. University Nanded | Fundamental of Computer, Office Automation , Microprocessor 8085, 8086, DIP, Fundamental of Digital Electronics, Industrial Electronics Languages: Quick Basic, C, C++, Java |

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|--|--|--|--|
| | | | Database: DBMS, RDBMS, SQL, Data mining and wear housing Computer Network, Logical Reasoning O.S.: DOS, Windows OS, Unix, Linux |
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INDUSTRY EXPERINCE

1. Reliance Industries Limited, Andheri, Mumbai (3 months)

OTHERS EXPERINCE

1. Aljee Computers, Chembur, Mumbai (6 months)

RESEARCH EXPERINCE

1. 2 years during M.Phil. On Topic “Digital signature using Cryptography”
2. 5 Years during Ph. D. On Topic “Soft Computing approach For Learning Prediction Using Fuzzy Logic and Neural Network”

RESEARCH GUIDANCE

| Sr. No | Name of Students | Research Topic | Joining Date | Completed Date |
|--------|------------------|----------------|--------------|----------------|
| - | - | - | - | - |

AREA OF SPECIALIZATION

AREA OF SPECIALIZATION :
Fuzzy Logic

PROJECTS CARRIED OUT

| Sr. No. | Project Title | Major/ Minor | Funding Agency | Fund Received | Date of Completion |
|---------|---------------|-----------------|----------------|------------------|-----------------------|
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|---|---|---|-----|---|---|
| - | - | - | NIL | - | - |
|---|---|---|-----|---|---|

PATENTS FILLED & GRANTED

| Sr. No. | Title of Invention | Publication Date | Granted Date | Application No | National / International |
|---------|--------------------|------------------|--------------|----------------|--------------------------|
| - | - | - | - | NIL | - |

RESEARCH PUBLICATION NO OF PAPERS PUBLISHED

| Sr. No. | Name of Authors | Title of the paper | Year of publication, Name of Journal, Volume & Page Nos. | Referred or Non Referred | ISBN / ISSN No. | Level (Int./ Nat./ State/ Local) | Impact Factor | Active Link |
|---------|-------------------------------|---|---|--------------------------|-------------------------|----------------------------------|---------------|-------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | S. A Jaju and Dr.S.S. Chowhan | <i>"Study of Digital Signature for Information Communication Technology In Education"</i> | The Role of ICT in Higher Education of Rural Area, National Conference held at Nilanga, August (2014), pp 69-73. | Yes | - | - | - | |
| 2 | S. A Jaju and Dr.S.S. Chowhan | <i>"Analytical Study of Modified RSA Algorithm for Digital Signature"</i> , | International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) Scientific Journal, March, 2015, Vol. 3, no 3, | Yes | ISSN 2321-8169 | International Journal | 5.04 | |
| 3 | S. A Jaju and Dr.S.S. Chowhan | <i>"Modified RSA Algorithm for Digital Signature to Enhance Security"</i> , | 6 th International Conference and Workshop on Computing and Communication 2015, Vancouver, Canada (USA), IEMCON IEEE, Oct 15-16, 2015. | Yes | ISBN: 973-93-80869-55-7 | International Journal | 0.814 | |
| 4 | S.A. Jaju | <i>"Study of RSA algorithm for digital signature"</i> | International Conference on Mathematical Analysis | Yes | | International | | |

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|-----|---|--|---|-----|-----------------|---|-------|---|
| | | | and its Applications (ICMMA-2017) | | | Confere nce | | |
| 5 | S.A. Jaju | <i>“Significance of Digital Signature and e-sign in Digital Era</i> | “National Conference on Innovations in Computer Science, Communication and Information Technology”(INNOV ATIT-17) , April 7 th & 8 th 2017 | Yes | | National Confere nce | | |
| 6 | S.A. Jaju and Dr. S. B. Jagtap | <i>“A Fuzzy Logic A Soft Computing Approach For E-Learning: Qualitative Review,”</i> | International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) Scientific Journal, August 2018 , Vol. 3, no 3, | Yes | ISSN 2321-8169. | Internati onal Journal | 5.014 | |
| 7 | S.A. Jaju and Dr. S. B. Jagtap | <i>Fuzzy Logic: A method to Develop Human like Capabilities for Artificial Intelligence.</i> | “International Journal of Computer Science and Engineering” , December 2018 Vol. 6, Issue. 12 | Yes | ISSN 2347-2693 | Internati onal Journal | 3.022 | |
| 8. | S.A. Jaju Dr. S. B. Jagtap Dr. R. B. Shinde | <i>A Fuzzy logic based personalized Result Ananlysis Support for student performance Up-Gradation.</i> | 4 th International conference on Management, Engineering, Science, Social Science, and Humanities. Aug. 2019, Vol 8, Issue 10S (IJTEE) | Yes | ISSN 2278-3075- | Internati onal Journal Publishe d | | |
| 9 | S.A. Jaju Dr. S. B. Jagtap | <i>A Fuzzy Environmental Model for Predicting Categories of Learner’s in Education System</i> | International e-conference on Nonlinear Analysis and its Application”(ICNAA 2020) | Yes | | Internati onal Confere nce | | |
| 10. | S.A. Jaju Dr. S. B. Jagtap Dr. R. B. Shinde | <i>A Fuzzy Logic Approach for Predicting and Evaluating Learner’s Category in E-learning System</i> | Journal of Emerging Trend and Innovative Research Vol .8, Issue 4, pp 1291-1297, April 2021. | Yes | ISSN 2349-5162, | | | |
| 11 | S.A. Jaju Dr. S. B. Jagtap Dr. R. B. Shinde | <i>A Soft computing Approach For Predicting And Categorizing Learner’s Performance Using Fuzzy Model</i> | 6 th International Conference for Data Management, Analytics and Innovation, Jan 14-16, 2022 | Yes | | Internati onal Confere nce | | http://doi.org/10.1007/978-981-19-2600-6_50 |

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| 12 | S.A. Jaju Dr. S. B. Jagtap Dr. R. B. Shinde | <i>A Soft computing Approach For Predicting And Categorizing Learner's Performance Using Fuzzy Model</i> | Data Management, Analytics and Innovation e-book | Springer SCOPUS | ISBN 978-981-19-2600-6 | | | |
| 13 | S.A. Jaju Dr. S. B. Jagtap Dr. R. B. Shinde | <i>Role of Fuzzy Model System for Predicting and Categorizing Learners Performance</i> | 2 Days Nantional Conference on Machine Learning & Data Science | | ISSN : 2322-0015 | National | | |

BOOK PUBLICATION

| Sr. No. | Name of Authors. | Publication | Title of the book | Year of publication | ISBN / ISSN No. | Level (Int. / Nat. / State. / Local) |
|---------|------------------|-------------|-------------------|---------------------|-----------------|--------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| - | - | - | NIL | - | - | - |

BOOK CHAPTER PUBLICATION

| Sr. No. | Name of Authors. | Title of Chapter | Year of publication | ISBN / ISSN No. | Level (Int. / Nat. / State. / Local) |
|---------|--|--|---------------------|--|--------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | S.A. Jaju Dr. S. B. Jagtap Dr. R. B. Shinde | <i>A Soft computing Approach For Predicting And Categorizing Learner's Performance Using Fuzzy Model</i> | 2022 | Data Management, Analytics and Innovation eBook ISBN 978-981-19-2600-6 Print ISBN 978-981-19-2599-3 | International |

CONFERENCE / WORKSHOP / SEMINAR ATTENDED

| Sr. No | Workshop | Date | Sponsored | Organized BY |
|---------------|--|-----------------------------|--|--|
| 1 | One day National Seminar On “Impact of IT on Formal Education : A Retrospective Approach” | 19 Feb, 2011 | Dayanand Shikshan Sanstha, Latur, S.RTMU, Nanded | Dayanand Science College, Latur, |
| 2 | National Conference on “Recent Trends in Mathematics and Applications in computer Science” [RTMACS 2014] | 2014 | | At Rajashri Shahu Mahavidyalaya, (Autonomous), Latur |
| 3 | 6th International Conference and workshop on Computing and Communication [IEMCON -2015] | 15-17 Oct. 2015 | | University of British Columbia, Vancouver, Canada |
| 4 | One day Workshop on “Choice Based Credit System for U.G. Programme”, | 30 th June 2016. | | at Dayanand Arts College, Latur |
| 5 | International Conference on “Mathematical Analysis and its | March 5-9, 2017 | UGC and Dayanand Shikshan Sanstha, | Dayanand Science College, Latur. |

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|-----------|--|------------------------------------|---|---|
| | Applications” [ICMAA-2017] | | Latur, S.RTMU, Nanded | |
| 6 | One day Workshop on “Ability on Enhancement Course” | 16 th Sep. 2017 | | COCSIT college , Latur |
| 7 | One day National Seminar on “Intellectual Property Rights (IPR)” | 16 th March 2017. | Organised by Rashtriya Uchchastar Shiksha Abhiyan (RUSA) Maharashtra | S. R. T. M. University, Nanded. |
| 8 | One day state level Workshop on “Welfare of Women in Indian Society” | 1 st Dec. 2018 | Maharashtra State Commission for woman, Mumbai. | Mahatma Basweshwar College, Latur |
| 9 | One day state level Workshop on “Digital Image Processing using MATLAB” | 7 th Oct. 2018. | SRTMU, Nanded | COCSIT College, Latur |
| 10 | One day Workshop on “Watchal – Santulit ani Samruddh Jeevanachi”. | 2 nd Oct. 2018. | Dayanand Education Society | Auditorium, Dayanand Education, Latur |
| 11 | National Seminar on “Intellectual Property Rights (IPR)”, | 22 nd Sep. 2018 | | Dayanand Science College, Latur |
| 12 | One Day Workshop on “Massive Open Online Course “MOOC’s” | 20 th April 2019 | Sponsored by SRTMU, Nanded | Dayanand College of law, Latur |
| 13 | One Day Workshop on “Recent Syllabi of Computer Science in | 24 th JULY 2019 | SRTMU, Nanded | Organized by Dayanand Science College Latur. |

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|-----------|--|---|--|--|
| | SRTMUN B. SC.(CS) I year and B.Sc. I Year Computer Science”. | | | |
| 14 | 6 th International Conference for “ Data Management, Analytics and Innovation ”, | Jan 14-16, 2022 | SpringerLink | |
| 15 | One day Workshop on Project Development & Database Connectivity Through Python Language | 03 rd Oct. 2022 | Dayanand Science College, Latur | Department of computer Science |
| 15 | 15 Days Webinar Series | 1 st January to 25 th January 2021. | Dayanand Science college | Department of computer Science |
| 16 | Two days National Workshop on “ Data Science and Machine Learning ”, | Nov. 21 st – 22 nd , 2022 | School of Technology, Swami Ramanand Teerth University, Sub center, Latur. | School of Technology, Swami Ramanand Teerth University, Sub center, Latur. |
| 17 | Participated and Won Second prize in Latur District Level Competition Avishkar - 2023 , under the PPG category, in the discipline of | 14 th Oct. 2022 | SRTMU, Nanded | Rajashree Shahu Mahavidyalay, Latur |

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|-----------|---|-------------------------------|---|---------------------------------|
| | Engineering and Technology | | | |
| 18 | One Day University Level Workshop on “ Artificial Intelligence & Machine Learning for Future Perspective ” | 18 th January 2023 | S.R.T.M.University, Nanded | Dayanand Science College, Latur |
| 19 | Seminar on New Education Policy under “ Objectives and Challenges of New education Policy ” | 29 th Jan. 2023 | Dayanand Education society and Rotary Club Latur | Dayanand Auditorium |

ORIENTATION AND REFRESHER COURSE

1. NIL

TECHNOLOGY TRANSFER (USE OF ICT)

1. **YES**, while teaching to UG class for practical demonstration use of ICT is common since from 2015
2. During Covid -19 we started online period using ICT

FACULTY DEVELOPMENT PROGRAM ATTENDED

1. Worked as Coordinator and Organizing Member in Faculty Development Program (FDP) on “6 day Faculty Development Program E-Content Development” from 8th Oct to 13 Oct. 2018
2. Worked as Coordinator and Organizing Member in Faculty Development Program (FDP) on “6 day Faculty Development Program on PHP” from 24th June to 29th June 2019.
3. Attended Workshop on LATEX from 11 Au. !5 Aug. 2020

INVITED AS RESOURCE PERSON / INVITED TALKS

1. NIL

AWARDS AND ACHIEVEMENTS

- Successfully passed **KLiC Certificate course in C++ Programming KLiC C++** in **July 2022** with distinction.
- Participated and Won **Second prize** in Latur District Level Competition **Avishkar - 2023**, held at Rajashree Shahu Mahavidyalay, Latur on 14th Oct. 2022 under the **PPG category**, in the discipline of Engineering and Technology
- Participated **University Level Competition Avishkar - 2023**, held at Dayanand Science College, Latur on 14th Dec. 2022 under the **PPG category**, in the discipline of Engineering and Technology.
- **Awarded Ph.D.** in computer science under science and technology faculty with title “**Soft Computing Approach for Predicting Learners using Fuzzy Logic and Neural Network**” in May **2023**.
- Awarded and Felicited by
Maheshwari Mahasabha, Latur
Jilla Maheshwari Sangathan, Latur
Rajasthani Mahila Mandal, Latur

ADMINISTRATIVE TASK DONE

1. Worked as Convener for One Day National Seminar on “**Impact of IT on Formal Education : A Retrospective Approach**” (2011)
2. Working as a member & **President of Antargat Mahila Takrar Nivaran** committee (ICC) (from 2019)
3. Worked as Member of Women Security Cell (from 2015)
4. Worked as Head of Yuvati Kalyan Mandal (from 2016 -2019)
5. Worked as Head of Youth Festival Committee (2014-15)
6. Working as chairman for Discipline & supervision Committee (From 2018)
7. Worked as steering committee member for NACC 3rd cycle
8. Member of Alumni Committee, Dayanand Science College (from 2013)
9. Member of Science Association Committee

10. Member of Tour Committee (from 2014 -)
11. Member of Discipline & Supervision Committee
12. Members of Admission Committee (2015-18)
13. Member of One Teacher One Skill Program
14. Worked as BOS Member for SRTMUN Nanded and Designing CBCS syllabus for B.SC.(CS) Course.
15. Worked as Member of Internal Exam
16. Worked in Internal Squad committee during University Exam (2014-17)
17. Worked as University Exam Paper setter.
18. Worked as Moderator & Assessment of papers.
19. Worked as a Project Guide for UG & PG Students
20. Conducted “Digital Literacy Program of 5 days for Non teaching from last 8 years till today.
21. Organized “Obstacle detection Robot” program during 4th to 14th May, 2022
22. Organized and Conducted 40 days Training program on “GUI with Python” 5th April 22 to 11th June 2022”.
23. **Organized State level PROG-C coding Competition “Hackathon Code-TECH 2024” on 8th February 2024**

OTHER CO-CURRICULAR ACTIVITIES.

- 1. Working As BOS members at H.S.C. board, Pune for IT and Comp. Sci. Subject from 2014
- Book Evaluator and subject expert of XII IT Subject (Arts, Commerce, Science) at H.S.C. Board, Pune (2005)
- Book Evaluator and subject expert of VIII and IX of ITC subject at Balbharati, Pune. (2003)
- Prepared Syllabus For XI and XII (IT Vocational) at H.S.C. Board, Pune, (2015-17)
- Prepared Syllabus For XI and XII (Comp. Sci.) at H.S.C. Board, Pune. (2015-17)
- Worked as BOS Member For XII Science, Arts, Commerce Information Technology subject , for Balbharati, Pune.(From 2017-2020)
- Worked as subject expert at Navoday Vidyalay, Latur in 2006-07
- Worked as Resource person at Maheshwari Mahila Sanghatan, Latur for the subject **“use of computer and mobile in day to day life”**

Worked as judge for cooking competition at Rajasthani Mahila Mandal, Latur

ADDRESS:**Residential**

Dr. Mrs. Jaju Sangita Ashok
W/o Mr. Ashok B. Jaju
“Nishchaya”, Bhagya Nagar,
Old AUSA Road,
Latur. Pin: 413512

Official

Dr. Mrs. Jaju Sangita Ashok
Assistant Professor,
Department of Computer,
Dayanand Science College,
Latur-413512