Dr. SAMIKSHA VIVEK NIKAM

Email- svnikam1975@gmail.com   **Cell no.-** 9822024691

➢ Basic Information

Name- Dr. Samiksha Vivek Nikam

Service: 24 yrs

Post: Principal (o)

Date of Appointment: 1st Aug., 2000

➢ Educational Qualification

▪ Research Qualification

Degree	Title	Date of Award	University
Ph.D (Computer Science)	Development of Ad-hoc Network Protocols Using Fuzzy Logic	18th April, 2018	Shivaji University, Kolhapur
M.Phil (Computer Science)	Study of Laboratory Application of Bluetooth Network and Their Performance Measure against Wired LAN, WLAN, and Wi-Fi	2012	YCMOU, Nashik

▪ Academic Qualification

Examination	Year of Passing	Class / grade	Subject
M.C.A.	2007	First	Computer Application
B.E.	1996	First	Electronics

▪ Additional Qualification

- Post graduate diploma in Computer Applications with First Class, From IGNOU, Delhi

- Advanced diploma in Computer Software with First Class, From IGNOU, Delhi

- Network Software diploma with Distinction From NIIT, Satara

- Six months Advanced diploma in Electronics Computer Hardware and Maintenance from Jetking, Pune

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> ## List of Publications and details regarding Research activities

- Papers Published in Referred Journals : 14
- Full Papers published and presented in International Conference Proceedings : 02
- Full Papers published in National Conference Proceedings : 05
- Papers presented in National Conferences and Seminars: 06

> ## Papers Published in Referred Journals

1. "**Quality enhancement in higher education institutions through feedback mechanism and student satisfaction survey**",YASHOMANTHAN, International research journal, ISSN 2347-8039, Vol IX, Issue 1, Feb 2022.

2. "**Performance Study of Dynamic Source Routing Protocol with respect to Mobility of Ad hoc network**", International Journal of Computer Sciences and Engineering, E-ISSN: 2347-2693, Vol. 10, Issue.10, October 2022.

3. "**Analysis of AODV Protocol against Pause Time Using NS2.34**", I.J. Wireless and Microwave Technologies, 2016, 6, 63-71, Published Online November 2016 in MECS(http://www.mecs-press.net) DOI: 10.5815/ijwmt.2016.06.07

4. "**Routing Load Analysis of AODV Protocol with Respect to Mobility of the Network using Ns2.34** ",IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN: 2250-3501 Vol.6, No 4, July-August 2016

5. "**DELAY ANALYSIS OF ADHOC NETWORK USING NS 2.34**", IJCRR Section: Technology Sci. Journal Impact Factor 4.016

6. "**Fuzzy Approach to Maintain Delay in Ad Hoc Network for DSDV Protocol**", IJCSC (0973-7391), Vol.7, No.1, pp 106-116, March 2016, Impact Factor: 2.5.

7. "**Delay Analysis of DSDV Protocol using NS2.34**", International Journal of Computer Applications, (IJCA)(ISSN 0975-8887).Vol. 134,No.2,January 2016. Impact factor: 0.715

8. "**Fuzzy Approach for Throughput Selection in Mobile Ad hoc Network**", International Journal of Innovative Research in Computer and Communication Engineering (ISSN 2320-9801), Vol 3, Issue 4 April 2015. Impact Factor: 5.618

9. "**Performance Comparison of DSDV and AODV on Ad-hoc Mobile Network using NS2**" published in the International Journal of Research in Computer Science and

Information Technology (IJRCSIT: 2319-5010), Vol. 2, Issue 2, March 2014.

10. "**Importance of Specifications in Designing of Protocols"** published in the International Journal of Research in Computer Science and Information Technology (IJRCSIT: 2319-5010), Vol. 2, Issue 1, July 2013.

11. "**Mobile Ad hoc Network–Basic Study**" published in the International Journal of Global Research in Science and Technology, (IJGRST). 2013.

12. "**Fuzzy Approach for Formal Protocol Design Methodology**", published in International Journal of Computer Applications (IJCA) (0975-8887), 2013. (IF: 0.81).

13. **Fuzzy Approach For Networking Protocol Design And Development**", International Journal of Advanced and Innovative Research, ISSN:2278-7844,Volume 1, Issue 2,July 2012.

14. **Design and Development of Result Tool for College & University Exam and it's Performance Study"**, International Journal on Computer Science and Engineering, Volume 3, Issue 11,2011,pg 2269-2276.

➢ Full Papers published and presented in the International Conference Proceedings

1. **Fuzzy Approach for Formal Protocol Design Methodology**", published in IJCA Proceedings on International Conference on Recent Trends in Information Technology and Computer Science, 2012.

2. **"Caeser Cipher Algorithm Implementation for Data Hiding Through Cryptology ", participated and presented in 3rd International Conference, on Innovation in Management & Information Technology(ICIMIT-23), 7&8th April 2023.**

➢ Full Papers published and Presented in the National Conference Proceedings

1. Research paper entitled "**Performance Measure of Result Tool in Local Area Network**" has presented and published in **National Level seminar** "Future Trends of Information and Communication Technologies (ICT 2012) organized during 15 – 17 March, 2012.

2. Research paper entitled "**Performance of Result tool in Local Area network**" has presented and published in **National Conference** "Adaptable Learning and Innovation for Visionary Execution (ALIVE 2012) organized during 4 -5 May, 2012.

3. Research paper entitled "**Importance of Specifications in Designing of Protocols**" presented and published at NC3IT second **National Conference** during 15&16Feb., 2013.

4. Research paper entitled **"Ad-hoc Network MAC Layer Protocols Performance Study"** has been presented in **National Conference NCRACSE2014** at Vidnyan Mahavidyalaya, Sangola on 3rd and 4th Jan, 2014.

5. Research paper entitled **"Performance Comparison of DSDV and AODV on Ad-hoc Mobile Network using NS2"** has been presented in 3rd **National Conference** on Computer Science, Information Technology and Management at Singhad Institute of Computer Sciences,Pandhpur, during 6 & 7 March, 2014.

6. Research paper entitled **"Throughput Analysis of Ad-hoc Network for Destination Sequenced Distance Vector Protocol (DSDV) using NS2.34"** has been presented in **National Conference** on green computing, Information Technology and Management at Y.C. Institute of Science, Satara, during 27 & 28 Oct., 2014.

➢ **Awards**

1. Research paper entitled **"Performance Measure of Result Tool in Wired Local Area Network"** has been awarded **"Best Paper"** in **National Level seminar** "Future Trends of Information and Communication Technologies (ICT 2012) organized during 15 – 17 March, 2012.

2. Research paper entitled **"Throughput Analysis of Ad-hoc Network for Destination Sequenced Distance Vector Protocol (DSDV) using NS2.3"** has been awarded **"K.B.P. Best Paper Award"** in **National Conference** on green computing, Information Technology and Management at Y.C. Institute of Science, Satara, during 27 & 28 Oct., 2014.

➢ Workshop/Seminar Attended

1. One day workshop on **Preparation of an Add-On course Proposal** , Organized by SNDT Women's University Center for Holistic , Education , Training and Novel Advancement (SNDTWU- CHETNA) on 27th March 2023

2. One week national workshop on **"LEARNING MANAGEMENT SYSTEM: MOODLE"** from July 27 to August 2, 2020 conducted by S.N.D.T. Women's University ,Mumbai under Pandit Madan Mohan Malaviya National Mission on Teaching and learning (PMMMNMTT_MHRD).

3. Two week national workshop on "**ONLINE AND BLENDED LEARNING**" through online mode from 9-21 march 2020 conducted by S.N.D.T. Women's University, Mumbai under Pandit Madan Mohan Malaviya National Mission on Teaching and learning (PMMMNMTT_MHRD).

4. One day National Seminar on "Innovation and Best Practices in Higher Education"organized on 26th July 2019 at P.E. Society's Modern College of Arts , Science &Commerce, Ganeshkhind , Pune.

5. Three Days State Level Seminar on **"NETWORK DESIGN & SIMULATION USING ns-3"** sponsored by Savitribai Phule University during 6 to 8 feb., 2015 at G.H. Raisoni College of Engineering & Management, Wagholi, Pune.

6. State level workshop on "**COLLOQUIUM ON RECENT TRENDS IN NEURAL NETWORK"** sponsored by Savitribai Phule Pune University during 20th and 21st Nov, 2014 at G.H. Raisoni College of Engineering & Management, Wagholi, Pune.

➢ Faculty Development Program

1. Successfully completed the **eight week** course **"ENHANCING SOFT SKILLS AND PERSONALITY"** under NPTEL_AICTE FDP program during Feb- April 2020.

2. Successfully completed the **twelve week** course **"INTRODUCTION TO INTERNET OF THINGS"** under NPTEL_AICTE FDP program during Feb- April 2020.

3. Successfully completed **one week** online fulltime National **FDP** on **" Interactive ICT –Integrated learning in Light of NEP2020**", November 21-26,2022, and obtained **Grade 'O'**

➢ **Refresher Course :**

Successfully Completed UGC sponsored inter/ multidisciplinary refresher course in **INFORMATION TECHNOLOGY** from 17/01/2023 to 30/01/2023 and obtained **Grade- A**

➢ **Skills :**

1. Strong experience of handling college administration & Financial duties
2. Providing education to all students regardless of cultural, financial difference.
3. Hiring, training & inspiring college faculties to deliver their best in teaching.
4. Ensured fair policy in grading students & appraising performance of teachers.

➢ **Duties :**

1. General Administration
2. Lead the strategic development of college
3. Monitoring and conduction academic activities
4. Assisting in planning and implementation of academic program (Seminar, Workshop, conference etc.)
5. Admission of students and maintain discipline in college.
6. Conducting periodical meetings for effective administration.
7. Sanction the leave of the staff as per norms.
8. Assessing teachers through performance appraisal file and personal file.
9. Administration and supervising curricular, Co- curricular activities.
10. Supervise of library services and laboratory.
11. Review and revision of policies, rules and regulations and to make aware to staff and students in the college.
12. Responsibility for conducting the college and university level examination
13. Implementation of college academic calendar and time table.
14. Preparation for budgetary proposals.
15. Promote the brand building of the college by adopting new technologies.
16. Plan for campus placement
17. Take student's feedback and accordingly take remedial action.
18. Approve vendors for resources as required in the college.
19. Form statutory committees as per statutory requirement and in a timely manner.

➢ **Work Experience :**

- Teaching experience 24 years.

- Administrative experience 23 years.

- Since 2001, working as an **INCHARGE PRINCIPAL** at Maharshi Karve Stree Shikshan Sanstha's College of Computer Application for Women, Satara affiliated to S.N.D.T. University Mumbai.

- **Successfully achieved NAAC accreditation of B+ under my leadership.**

- Worked as Paper setter, Moderator and Examiner at University Level Examination.

- Working as a member for Board of Studies of S.N.D.T. University for B.C.A. faculty.

- Selected in Local Inspection Committee of S.N.D.T. University for inspection of B.C.A. College in 2016

- Selected in Local Selection Committee of S.N.D.T. University for staff selection of newly started B.C.A. College 2016.

- Worked as Committee Member of B.C.A. College Wai, Vastu Committee, Satara and Vision English Medium School, Satara 2016-21.

➢ **Distinguished Achievements :**

- Successfully organized one day workshop for self-help group under W20 program on behalf of S.N.D.T. Women's University, Mumbai.

- Jointly organized two days West Maharashtra Regional Yuva Mahotsav on 9th &10th September 2023 with S.N.D.T. Women's University, Mumbai, with 450 participants from 23 different colleges.

- Successfully organized National sports conference on 29th Feb 2019 in collaboration with SNDTWU's student welfare department .

- Successfully organized West Maharashtra Regional Yuva Mahotsav 2019 on behalf of S.N.D.T. Women's University, Mumbai, with 560 participants from 17 different colleges.

- Successfully organized Marathi Bhasha Gaurav Din Ceremony in presence of Prof. Dr.Shashikala Vanjari, Vice Chancellor S.N.D.T. Women's University, Mumbai, 27thFeb. 2018.

- Established **MKCL Klic Center** in 2016, a platform where we introduce various Technical courses like digital marketing, advance excel, Talley, web designing etc.

- Coordinator, Inauguration Ceremony of BCA College New Building by the auspicious hands of Prof. Dr. Chandra Krishnamurthy, Vice Chancellor S.N.D.T.Women's University, Mumbai, 2010.

- Initiated the opening of **B.A**. and **B.Com** programs in 2004, **B.Com (vocational**) in 2009 and **M.A**. , **M.Com** (distance mode) in 2016.

➢ **Invited Talks :**

- Resource Person, Two days workshop on Project Based Learning organized by YCIS, Satara , 6th April, 2021.

- Invited talk in International Women's Day at Gourishankar Polytechnic , Limb Satara, on 8 March, 2016.

- Keynote Speaker at Prize Distribution Ceremony at Yashoda Technical Campus, Satara, 2016

- Delivered a Session on Employbility Skill Development Programme, D.G.College, Satara, 2017

- Guest Lecture on Operating System, Arts Commerce and Science College Palus, 2015

- Invited talk for welcome of BCA and MCA student, KBPIMSR, Varye, Satara 2015.

- Interview delivered on Akashwani Satara on the subject various courses in S.N.D.T. University for women empowerment.

➢ **Acquired Donations**

- Acquired the donation of 4 Lakhs every year from Crane company, Satara for MKSSS, Pune over four consecutive years - 2019, 2020 2021 and 2023.

- Acquired the donation Rs. 65000/- for MKSSS, Pune, in memory of Late Mrs. Rajani Nikam on 22nd Oct., 2021.

➢ **Have been honored with Additional responsibility as a LIFE WORKER from 1st Aug 2021.**

Date   Dr. samiksha Nikam