Resume

Name   **:** Ms. Jyoti Vaijnath Mashalkar

Personal Details:

Designation	Assistant Professor and Chief Coordinator
Qualification(s)	M.Sc.C.S., NET
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Educational Details:

Sr. No.	Name of Course (UG/PG/Other)	Name of Institute/University
1	B.Sc. (Phy, Chem, Comp. Sci.)	Dr. B.A.M. University, Aurangabad
2	M.Sc. Comp. Sci.	S.R.T.M. University, Nanded
3	UGC-NET (Comp. Sci. and Applications)	UGC

Member of College Committees:

Sr. No.	Name of committee	Role
1	Drafting committee for NAAC and AQAR	Member
2	BoS in B.Sc.C.S.	Chairman
3	Academic Council	Member
4	Photo Album gallery for NAAC Third cycle A & A process	Member
5	Fund raising committee	Member
6	Perspective plan committee	Member
6	Equivalence and Credit Transfer Committee	Member
7	NPTEL/Swayam Online Certification Courses	Mentor
8	Moral Education (UG First Year)from academic year 2013-2014 to 2017-2018.	Coordinator of B.Sc.C.S. FY
9	Computer Literacy Program at R.S.M. Latur	Trainer
10	Autonomous Examinations	Proof Reader,

		Squad	
11	National level conference " INNOVATIT-17" organized by Department of Computer Science and Information Technology during 7th and 8th April 2017.	Convener	
12	**Research Projects, Conferences, Seminars** in Department of C.S. and I.T. of R.S.M., Latur during the year 2016-2017 to 2017-2018	Coordinator	
13	Admission process of B.C.A. and B.Sc.C.S.(2020-2021)	Chairman	
14	Four week **Online certificate course "Software Development with C#"** run by Department of Information Technology, Rajarshi Shahu Mahavidyalaya(Autonomous), Latur	Course teacher	

Member of Professional Committees and other organizations:

Sr.No.	Name of Committee	Role
1	IAENG(International Association of Engineers) (Member Number: 139609)	Member

Skills:
- Time management
- Programming

Books published/edited:

Worked as **Chief Editor** for *Proceedings of National Conference in Computer Science and Information Technology* organized by Department of Computer Science and I.T., RSM(Autonomous) Latur during 7 and 8 April 2017.

Experience Details:

Sr.No.	Particulars	Durations
1	Assistant Professor, Department of Information Technology, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	6th July 2005 to till date
2	Chief Coordinator, Department of Information Technology, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	October 2018 to till date

Research publications:

1. J. V. Mashalkar, S. K. Kasbe, M. B. Bhatade, "Green Computing: A Case Study of Rajarshi Shahu Mahavidyalaya, Latur, INDIA", *International Journal of Computer Applications,* Volume 62-No. 2 January 2013 Page Nos. 40-44.

2. J. V. Mashalkar, A. B. Kadam, "Shoeprint Recognition System for Forensic Investigation: A Review", *International Journal of Computer Science and Information Technology* Vol. 2/Issue 2/February 2014.

3. J. V. Mashalkar, "Comparative Study of Edge Detection Techniques in Shoeprint Recognition System", *International Journal of Research in Advent Technology*, Vol. 3 No. 12 December 2015 Page Nos. 53-57.

4. J. V. Mashalkar, "Study of Linear Filtering Techniques for Shoeprint Recognition Techniques", *International Journal of Computer Science & Communication Networks*, Vol 5(6), Page Nos. 366-370.

5. J. V. Mashalkar, A. B. Kadam, "Comparative Study of Filtering Techniques for Shoeprint Recognition system", *Vidyawarta International Multilingual Research Journal*, Issue-15, Vol-02, July to Sept. 2016, Page Nos. 88-94.

6. J. V. Mashalkar, "Image Segmentation Techniques for Shoeprint Recognition System" ,*GENIUS Journal*, Ajanta Prakashan, Volume III Page Nos. 6-11.

7. K. M. Pradhan, J. V. Mashalkar, "Impact of IT on Health", *National seminar on "Impact of IT on Formal Education: A Retrospective Approach* organized by Department of Computer Science, Dayanand Science College, Latur during Feb 19,2011.

8. K. M. Pradhan, J. V. Mashalkar, "Implementation of Each Iteration of Bisection Method using C++ and MATLAB", *National seminar on Advances in Computational Mathematics*" organized by Department of Mathematics, RSM Latur during 23 & 24 Feb 2011.

9. J. V. Mashalkar, S. K. Kasbe, N.M.Y. Haware, R. V. Mule, "Green Computing : A Green Signal to Rajarshi Shahu Mahavidyalaya's Growth", *National conference on Recent Trends in Mathematics and their Applications in Computer Science* organized by Department of Mathematics, RSM Latur during 17 & 18 January 2014.

10. J. V. Mashalkar, S. K. Kasbe, N.M.Y. Haware, R. V. Mule, "Solar Computing : An efficient Energy Consumption Green Technology", *National Conference on Current Advances in Human-Computer Interaction* organized by Department of Computer Science, COCSIT, Latur

during 23-24 Dec 2016,Page Nos. 104-107.

11. J. V. Mashalkar, "Image segmentation Techniques for Shoeprint Recognition System", *International Conference on Contemporary Issues in Computer Science, Applications and Technology* organized by Department of Computer Science, Poona College, Pune on 18 Feb 2017 Page nos. 6-11.

12. J. V. Mashalkar, "Contrast Stretching Image Enhancement Techniques for Shoeprint Images", *National Conference in Computer Science and Information Technology* organized by Department of Computer Science and IT , RSM(Autonomous) Latur during 7 and 8 April 2017.

Participation as a Guest Lecture/Resource person/Paper presenter/Invited talk

Sr.No.	Name of Topic	Name of Invited Institute	Role
1	Guest lecture on "Unix Operating System"	Adarsh Senior College, Omerga Dist. Osmanabad dated on 22 January 2006	Resource person
2	Workshop on "Compiler Design"	Department of Comp. Sci. and IT, R.S. M. Latur	Resource person
3	MCATF-2014 (MCA CET Awareness and Techno Fair 2014)	Shri V. D. Deshmukh College of MCA, Kolpa	Judge
4	Guest lecture on "How to prepare SET/NET examination"	Shrikrishna Mahavidyalaya, Gunjoti Taluka. Omerga Dist. Osmanabad on 14th March 2019	Resource person
5	Workshop on "INSA Summer Research Fellowship 2021"	R.S.M.(Autonomous), Latur	Resource person
6	CHB posts interview	Mahatma Basweshwar College, Latur, Shivaji Mahavidyalaya, Renapur, and R. S. M. Latur	Subject expert
7	BoS in B.Sc.C.S.	R. S. M. (Autonomous), Latur	Chairman
8	BoS in B.Voc. in Retail Management & Information Technology	R. S. M. (Autonomous), Latur	Invited member

Seminars/Workshops/Guest Lectures/ Conferences/Webinars Organized:-

1. Worked as a Convener for National level conference "INNOVATIT-17" organized by Department of Computer Science and Information Technology during 7th and 8th April 2017.

Other Accomplishments/ Awards

1. Selection for **INSA (Indian National Science Academy) Summer Research Fellowship 2020** at Indian Institute of Sciences, Bengaluru under the guidance of Prof. A. G. Ramakrishnan

2. Secured **Merit III** in University at M.Sc.C.S.