CURRICULUM VITAE

1. Name   :   Ms. RENUKA RAMAKANT LONDHE

2. Qualification   :   M.C.S.., M.Phil., Ph. D.

3. Designation   :   **Head and Assistant Professor of Computer Science,**
                                 Research Supervisor in Computer Science
                                 Coordinator, Faculty of Computer Science,
                                 Nodal Officer, B.Voc. Program.
                                 SPOC, NPTEL Local Chapter.
                                 Rajarshi Shahu Mahavidyalaya (Autonomous), Latur.
                                 Chandranagar, Latur 413512 (Maharashtra)
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4. Address: B. No. 5, Laxmidham, Bahgyanagar, Latur
                                 Latur, Maharashtra, India - 431512

5. Specialization   :   Image Processing an pattern recognition
                                 Subjects Taught and teaching:
                                 Distributed O.S., Data Structure, Web Technology, Computer Organization, Digital Image Processing using MATLAB, Distributed Operating System, Java Programming, ASP.NET, VB.NET, Basics of Computer Programming, Programming in C language etc.
                                 Research Specialization: Image Processing an pattern recognition

6. Educational Qualification: M. C. S., M. Phil. (CS), Ph. D. (CS)

Course	Year of passing	Board/University	Subject studied
S.S.C	Mar 1997	Div. Aurangabad Board, Latur	English, Marathi, Hindi, History, Geography, Mathematics and Science
H.S.C.	Mar 1999	Div. Board, Latur	English, Hindi, Biology, Physics, Chemistry, Mathematics
B.Sc.	Mar 2002	S.R.T.M.U. Nanded	Physics, Maths and Computer Science
MCS	Oct 2004	S.R.T.M.U. Nanded	Computer Science
M. Phil	May 2009	YCMOU, Nasik	Computer Science

Ph. D.	Oct 2013	S. R. T. M. U., Nanded	Computer Science

7. Research Project completed:

➤ Completed a minor research project on "*An Automatic Facial Expression Recognition System*" sanctioned by University Grants Commission, WRO Pune (Amount Rs. 1.20 Lakhs).

8. Dissertations on:

➤ *"Face Recognition System"* for the partial fulfillment of M. Phil. Degree.

➤ *"An Automatic Facial Expression Recognition System for Western Faces"* a dissertation submitted in partial fulfillment of Ph. D. Degree.

9. Experiences:

➤ **06 Years** research experience.

➤ **15 Years** *Teaching Experience* in Computer Science and Application for UG & PG classes at College of Computer Science and IT, Latur.

➤ From 23-March-2016 to till date working as Assistant Professor of Computer Science in Rajarshi Shahu Mahavidyalaya, (Autonomous) Latur.

10. Membership:

➤ **Member, Board of Studies in Computer Science and Computer Applications**, Swami Ramanand Teerth Marathwada University, Nanded.

➤ **Member, Faculty of Science and Technology**, Swami Ramanand Teerth Marathwada University, Nanded.

➤ **Local Managing Committee**, College of Computer Science and IT, Latur (2012-2016).

➤ **Member, Anti-ragging Committee,** Rajarshi Shahu Mahavidyalaya, Latur (Autonomous).

➤ **Chairman, Board of Studies in Computer Science,** Rajarshi Shahu Mahavidyalaya, Latur (Autonomous).

➤ **Chairman, Board of Studies B.Voc. program in Computer Technology,** Rajarshi Shahu Mahavidyalaya, Latur (Autonomous).

➤ **Member, Board of Studies in Electronics,** Rajarshi Shahu Mahavidyalaya, Latur (Autonomous).

➤ **Member, Academic Council**, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous).

➤ **Chairman, Criterion I, NAAC A and A process** (Cycle IV) Rajarshi Shahu Mahavidyalaya, Latur (Autonomous).

➤ **Member, Criterion I, NAAC A and A process** (Cycle III) Rajarshi Shahu Mahavidyalaya, Latur (Autonomous).

11. Research Guidance: PhD guidance at S.R.T. M. University, Nanded

Sr. No.	Name of the Research Scholar	Title of Research	Date of registration	Date of Award
1.	Sujata Ramesh Shahabade	Deep Learning and Medical Image Processing for Automated Detection of COVID–19 Cases	30-12-2019	Working
2.	Suryakant Vishwasrao Patil	Design and Development of Machine Learning Model for Multi-Factor Dependent Prediction and Analysis	15-07-2021	Working
3.	Madhuri Sitaram Hakke	Novel Design and Analysis Techniques for Image Inpainting	15-07-2021	Working
4.	Drishti Jaikumar Gangaramani	An Enhanced Mining of Negative Association using Extended Patterns	15-07-2021	Working

11. Professional development programmes attended:

Name of the Programme	Place	Duration	Sponsoring Agency
101 Orientation Programme	UGC-HRDC RDVV, Jabalpur	16.07.2018 to 11.08.2018	UGC-HRDC
Refresher Course in Data Science and Artificial Intelligence	UGC HRDC, Mumbai University,	02 May to 15 May, 2019	S.K. Somaiya College of Arts, Science & Commerce.
Online Refresher Course on "Leadership and Governance in Higher Education"	UGC-HRDC, SPP University, Pune under SWAYAM Annual Refresher Programme in Teaching	Nov. 2018 to Feb 2019	MHRD
One week Faculty Development Programme in Cyber Security under	Shivaji University, Kolhapur and Rajarshi Shahu Mahavidyalaya, Latur	16/09/2019 to 21/09/2019	PMMMNMTT

Two Weeks Faculty Development Programme on "Managing Online Classes and Co-Creating MOOCS"	Online Teaching Learning Centre (TLC)	20.04.2020 to 06.05.2020	Ramanujan college, Delhi under PMMMNMTT
Five-Days Faculty Development Program, an Online training on "SCILAB"	Online Department of Information Technology, S. K. Somaiya College of Arts, Science and Commerce Vidyavihar, Mumbai - 400 077.	21.04.2020 to 25.04.2020	Spoken Tutorial Project, IIT Bombay and S. K. Somaiya College of Arts, Science and Commerce Vidyavihar, Mumbai - 400 077.
One Week National Online Faculty Development Program ICT Tools for Effective Teaching Learning	Online, School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded	27.04.2020 to 02.05.2020	School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded
One Week National Faculty Development Program and Online Training on Scilab	Online Rajarshi Shahu Mahavidyalaya (Autonomous) Latur	01.05.2020 to 07.05.2020	Spoken Tutorial Project, IIT Bombay and Rajarshi Shahu Mahavidyalaya (Autonomous) Latur
Faculty Development Programme "Five Days Online FDP On e-content Development for Teachers"	Online School of Education, Savitribai Phule Pune University, Pune	01.06.2020 to 05.06.2020	Human Resource Development Centre (UGC-HRDC), Savitribai Phule Pune University, Pune
One week Faculty	Online	22.02.2021 to	Sangamner

		27.02.2021	College, RUSA and TISS, Mumbai.
Development Programme on Curriculum Design and Pedagogy for Autonomous Colleges			
Refresher Course on Teacher and Teaching in Higher Education	Online	01.12.2020 to 31.03.2021	SWAYAM ARPIT, S.P.P. University, Pune
Indira Faculty Efficiency Enhancement Program under FDP	Online Indira College of Commerce and Science, Pune	09.11.2021 to 13.11.2021	Human Resource Development Centre (UGC-HRDC), Savitribai Phule Pune University, Pune
Professional Development Programme on Implementation of NEP-2020 for University and College Teachers	Online Approved by: University Grants Commission Implemented by: Indira Gandhi National Open University	21.09.2022 to 29.09.2022	Under Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching Ministry of Education, Government of India
MSFDA's Five Days workshop on Women in Leadership	Punyashlok Ahilyadevi Holkar Solapur University, Solapur	16.10.2023 to 20.10.2023	Maharashtra State Faculty Development Academy, Pune
10 Days "NEP 2020 Orientation and sensitization Programme"	Online Sant Gadgebaba Amaravati University, Amaravati Maharashtra	01.01.2024 to 10.01.2024	UGC Under the Malviya Mission Teacher Training Programme

12. Extra-Curricular Activities:

➢ Worked as **Committee Member** in National Conference on 'Emerging Trends in Biotechnology for Modern Era' held at **COCSIT** in Sep 2007.

➢ Worked as **Committee Member** in National Conference on 'Computer Science and Advances in Information Technology' held at **COCSIT** in Feb 2008.

➢ Participation in training session for **Management Systems Auditing Techniques**.

➢ Worked as an **Academic In-charge** for ISO Audit of college.

➢ Attended the **faculty development one week workshop** on 'FOSS with PHP, MySQL, AJAX and CMS' conducted by members of **IIT Powai**, Mumbai in May 2012.

➢ Active Participation in **faculty development program and delivered the lecture on Introduction to MATLAB** organized by dept. of Computer Science, COCSIT in Oct 2012.

➢ Active Participation in One day workshop on **'Reconstructing of BCA Curriculum'** of Swami Ramanand Teerth Marathwada University, Nanded in Dec-2011.

➢ Attended one day National workshop on "**LaTex" at IIT Bombay** on 29 August 2015.

➢ Attended two days National workshop on **"Pattern Recognition and Image Analysis" at Swami Ramanand Teerth Marathwada University, Nanded, Sub Center, Latur** on 7 and 8 October 2016.

➢ Participated in "**SPOC Workshop for NPTEL Courses" at IIT Madras** on 15 - July 2017.

➢ Working as **"SPOC for NPTEL courses run by IIT Madras"** for College.

12. Conferences:

➢ Renuka R Londhe, "Curriculum Design and Development: A Vital component of the NEP's Achievement", Book on National Education Policy: Exploration and Perspectives ISBN- 978-93-84572-64-8.

➢ Renuka R. Londhe, **"Curriculum Design and Development : A Key to NEP's Success"**, Two Days National Seminar on Fostering Quality Improvement in higher education with focus on teaching learning and evaluation dated 11-12 August 2023.

➢ Renuka R. Londhe, "**Technology Enhanced Learning in Indian Higher Education**", One day National open forum on New Dimensions in Higher Education dated 16th Oct 2018.

➢ Paper presented on "**Leaf Analysis for plant Identification**", in National Conference on "Innovations in Computer Science and Information Technology held at Rajarshi Shahu Mahavidyalaya, Latur on 7 and 8 April 2017.

➢ Attended **"National Seminar on Present Scenario and future Challenges on Autonomous Colleges"** held at Rajarshi Shahu Mahavidyalaya, Latur on 17 and 18 April 2017.

- Paper presented on "**Role of Eye Tracking in Vision Disability –A Review**" In two days national Conference on Current Advances in Human Computer Interaction" held at College of Computer Science and IT, Latur on 23 and 24 December, 2016.
- Paper presented on "**Facial Expression Description using Hu and Affine Moment Invariants**" in International Conference on Computational Intelligence held at the university of Mumbai on March 21-22, 2014.
- Paper published on "**Co-occurrence Matrix and its Statistical Features for Facial Expression Description**" in National conference on "Recent Trends in Mathematics and their Applications in Computer Science" held on 17-18 Jan 2014.
- Paper published in 2-Day National Conference on "Machine Learning and Pattern Recognition" Titled as "**Facial Expression Analysis and Recognition: A Survey**" on 29-30 June 2013.
- Paper presented on "**An Introduction to Face Recognition Techniques**" in National Conference on Computer Science and Advances in Information Technology 18-19 2008.

13. Papers Published in International Journals:

- Madhuri Hakke & Renuka Londhe, a Review on Image Inpainting Techniques, International Journal of Engineering and computer Science, Vol 13 page no. 25980-25990.
- Sujata Shahabade & **Renuka Londhe**, Advancement of Deep Learning and Its Substantial Impact on the Diagnosis of COVID-19 Cases, In: Iyer, B., Crick, T., Peng, SL. (eds) Applied Computational Technologies. ICCET 2022. Smart Innovation, Systems and Technologies, vol 303, pp 263–276. Springer, Singapore.
- Dr Renuka Londhe, **Plant Leaf Analysis Based on Color Histogram and Concurrence Matrices**, International journal of computer sciences Engineering 7 (2019) 153-157.
- Dr Renuka Londhe, **Development of Internet of Things and its substantial impact in the field of smart cities**, International journal of Research in Electronics and computer Engineering, IJRECE VOL. 7 ISSUE 1 (JANUARY- MARCH 2019) 752-757
- Dr Renuka Londhe, **Evolution of internet of things enabling technologies in the field of healthcare services**, International journal of computer sciences Engineering 7 (2019) 647-652
- Renuka R. Londhe and Vrushsen P. Pawar, "**Analysis of Facial Expression and Recognition based on Statistical Approach,**" International Journal of Soft Computing and Engineering ISSN: 2231-2307, Volume-2, Issue-2, May 2012.

- Renuka R. Londhe and Vrushsen P. Pawar, **"Analysis of Facial Expression using LBP and Artificial Neural Network,"** International Journal of Computer Applications (0975-8887) Volume 44-No.21, April 2012.
- Renuka R. Londhe and Vrushsen P. Pawar, **"Facial Expression Recognition based on Moment Invariants,"** Journal of Computing Press, NY, USA, ISSN 2151-9617, Volume 4 Issue 8 August 2012.
- Renuka R. Londhe and Vrushsen P. Pawar, **"Facial Expression Recognition based on Affine Moment Invariants,"** IJCSI International Journal of Computer Science and Issues, ISSN: 1694-0814, Volume 9, Issue 6, No. 2, November 2012.
- Renuka R. Londhe and Vrushsen P. Pawar, **"Facial Expression Recognition using Zernike Moment Invariants,"** CIIT International Journal of Digital Image Processing, Volume 5, No. 11, Nov-2013.

Dr. Renuka R. Londhe