

RESUME



Dr. SUNIL S. NIMBHORE

(B.Sc., M.Sc., B.Ed., M. Phil., Ph. D. in Computer Science)

❖ **Objective:**

Seeking a challenging environment, continuous learning and creativity, it provides exposures to new ideas and simulates personal and professional growth. To apply my Teaching, Programming, Networking and Graphic designing skills towards pursuing a career in the field of Application Development, System Administrator as well as Web development and Networking.

❖ **IT/Academic Experience:**

- Presently working as **Assistant Professor in Computer Science & IT**, Department of Computer Science and IT, **Dr. Babasaheb Ambedkar Marathwada University, Aurangabad** from **14th Sept.2009** to till date.
- Worked as **Lecturer in Computer Science** at the Department of Computer Science and Information Technology, **K.C.E.S. M. J. College, Jalgaon** from **June, 2007 to August 2009**.
- Worked as **Lecturer in Computer Science** at the Department of Computer Science, **J.D.M.V.P.'s Arts, Commerce and Science, Nutan Maratha College, Jalgaon**, from **June 2001 to April 2007**.
- Worked as Web Developer in **SMC Information Technologies, Jalgaon**, and **JJIT.net** from **June 1999 to March 2001**.

❖ **Educational Qualification:**

- **Ph. D. in Computer Science** from North Maharashtra University, Jalgaon Awarded on dated **9th April 2016**.
- **M. Phil. in Computer Science** with Second Class (**B+**) from Madurai Kama raj University, Madurai in **April 2009**.
- **B. Ed in Group A with First Class (A)** form North Maharashtra University, Jalgaon in **Oct. 2005**.
- **M.Sc. in Computer Science** with Second Class (**B+**) from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad in **June 1999**.
- **B.Sc. in Electronics** with **First Class (A)** from North Maharashtra University, Jalgaon in **June, 1997**.
- **H.S.C. in March 1992** with **Second Class** from Pune Board, Pune.
- **S.S.C. in March 1988** with **Second Class** from Pune Board, Pune.

❖ **Personal Details:**

Date of Birth : June 1, 1973.
Sex : Male.
Category : **SC** (Scheduled Caste)
Marital Status : Married
Nationality : Indian.
Languages Known : English, Hindi, and Marathi.
Cell No. : 9021563448
E-mail : nimbhoress@gmail.com , drbamu@gmail.com
snimbhore.csit@bamu.ac.in

Permanent Address : “**Suniketan**”, Plot No-5, Janki Nagar,
Opp. Ganesh Wadi, Jalgaon -425 001 (M.S.)

Communication Address: Department of Computer Science & IT,
Dr. B. A. M. University, Aurangabad.
0240-2403315/16, Ext.-204.

❖ **Technical Skills:-**

Operating Systems	DOS, Winsows9x, NT, 2K, XP, 2003, Vista, Unix, & Linux, Ubuntu.
Servers (Web & Network)	Win Server 2003, IIS 6.0, Apache, PWS
Programing Languages	Cobol, FORTRAN, C/C++, Java2.0, & VB6.0, VC++6.0 MS-Visual Studio.NET.
DBMS/RDBMS	FoxPro, MS-Access, MS-SQL Server & Oracle 6.0, Developer 2000.
Web Designing	HTML4.0, ASP, JSP, Servlet, XML, UML, Dream weaver 8, FrontPage, Photoshop CS, Flash (Beginner), Animation Software Gif-Animator
Application Software's & Tools	MS-Office (Word, Excel, PowerPoint, Outlook), PageMaker, Tally, MATLAB11.0.
Hardware	Assembling PCs, Installation (OS, Application Software, Antivirus), Troubleshooting, Hard Disk data recovery (Easy Recovery), Ghost.
Research Area	Human Computer Interface (HCI), Speech Recognition and Speech Synthesis, Image and GIS Processing, Sentiment Analysis, AI & Robotics.

❖ **Research Work:-**

- For the partial fulfillment Degree of **Doctor of Philosophy (Ph. D.)**, the thesis report was submitted entitled on ***“Development Natural Sounding Speech Synthesis System for Devnagari Text Processing”***, Under the Guidance of ***Prof. Rakesh J. Ramteke, Professor and Head***, School of Computer Sciences, North Maharashtra University, Jalgaon.
- For the partial fulfillment Degree of **Master of Philosophy (M. Phil)**, a Dissertation Report was submitted on the topic ***“Study of various protocols used in Distributed Systems and Parallel systems”***, Under the Guidance of ***Dr. Ramesh R. Manza, Assistant Professor, DOCS&IT***, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

❖ National Level Conferences/Workshops/Seminars Attended :-(52)

1. Worked As **Session Chair** in HCI Human Computer Interface Track in International Conference ICKE2023 Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. **On 8th and 9th May 2023.**
2. Worked As **Session Chair** in Geospatial Technology Track in International Conference ICKE2023 Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. **On 8th and 9th May 2023.**
3. Worked As **Accommodation Chairman** International Conference ICKE2023 Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. **On 8th and 9th May 2023.**
4. **Chief Guest of Inaugural function and Keynote Speaker** of National Conference on Recent Innovation in Block chain Technology and cyber security organized by Department of CSE/IT/AI/DS in G. H. Rasoni Institute of Engineering and Business Management Jalgaon **on 4th March 2023**
5. **Worked as organizing committee Member and Participated Two Week Short Term Training Program** on Block Chain Technology, Jointly organized by DST-ICPS and Department of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on dated 3rd Feb. to 15th Feb. 2020.
6. Worked as organizing committee Member and Participated **Two Week Short Term Training Program on Block Chain Technology**, Jointly organized by DST-ICPS and Department of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on dated **3rd Feb. to 15th Feb. 2020.**
7. Participated **One Day Workshop** on “Awareness Program of e-Resource provided by Balani Group of Companies Under e-Shodh Sindhu Consortium” Jointly organized by KRC Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on dated **26th Nov. 2018.**
8. 3. Participated **One Day Seminar** on “विज्ञान आदि तंत्रज्ञानाच्या आधारे संपत्तीवन्नवमती” Organized by KBC, North Maharashtra University, Jalgaon **on dated 14th July 2018.**
9. Participated **One Day Workshop** on Scientific Writing and Publish Scholarly Articles, Organized by KBC, North Maharashtra University, Jalgaon **on dated 7th Nov. 2017**
10. Worked as **Session Chair 3rd National Conference Emerging Trends in Computer & Information Technology, ETCIT-2017**, organized by TESociety's Bhusawal Arts, Science & P.O.Nahata Commerce College, Bhusawal Dist. Jalgaon, Maharashtra **on dated 07th Oct. 2017.**

11. Participated National Conference on Advances in Computing **NCAC-2017**, Organized by School of Computer Sciences, North Maharashtra University, Jalgaon **on Dated 24th-25th March 2017**
12. Worked as **Session Chair 1st** International Conference on “Recent Advances in Computer Science, Engineering and Technology, RACSET-2017, Organized by MGM’s G.Y.Patrikar College of Computer Science and Information Technology, Aurangabad, Maharashtra **on dated 4th – 6th Feb. 2017.**
13. Worked as **Session Chair 1st** National Conference on “Current Trends in Computer Science and Information Technology, CTCSIT-2016, Organized by Department of Computer Science DNCVP’s, Art, Commerce and Science College Jalgaon, Maharashtra **on dated 9th Dec.2016.**
14. Worked as **Session Chair 2nd** National Conference Emerging Trends in Computer & Information Technology, ETCIT-2016, Organized by TESocietiy’s Bhusawal Arts, Science & P.O.Nahata Commerce College, Bhusawal Dist. Jalgaon, Maharashtra **on dated 14-15th Oct. 2016.**
15. Participated in **1st National Teacher Congress**, held in Pune, Organized by MIT, School of Government, MIT Campus Kothrud, Pune On dated **23rd-25th Sept. 2016.**
16. Participated & Presenting Paper entitled “Techniques of content based Image Retrieval: A Survey” National Conference On Recent Trends in Computer Science & Applications (NCRTCSA-2016) Organized KCE Society’s IMR, Jalgaon, in association with North Maharashtra University, Jalgaon on dated **21st-22nd Mar. 2016.**
17. Participated & Worked as Technical Committee Member, ICSSR Sponsored National Seminar on Agriculture Crisis and Governance in India: Issues and Concerns Organized by Department of Public Administration, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on dated **11th-12th Mar. 2016.**
18. Participated & Worked as Committee Member in National Science Day (Science & Technology Driven Innovation) Organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on dated **27th-28th Feb. 2016.**
19. Participated and Attended National Workshop on “**Natural Language Processing & Image Processing**” (NWNLPIP-2016), Organized by School of Computer Sciences, North Maharashtra University, Jalgaon on dated **21st-23rd Jan. 2016.**
20. Participated and Attended National Conference on Recent Trends in Computer Science & Applications (NCRTCSA-2016) Organized KCE Society’s IMR, Jalgaon, in association with North Maharashtra University, Jalgaon on dated **21st-22nd Mar. 2016.**

21. Participated and Attended **University-Industry Interaction Summit-2015**, held at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on dated **29th-30st Oct. 2015**.
22. Participated and Attended National Conference on “**Emerging Trends In Computer & Information Technology (ETCIT-2015)**”, Organized by Tapti Education Society’s, P. O. Nahata College, Bhusawal on dated **17th Oct. 2015**.
23. Participated and Presented **Research Project Presentation** in Teacher Category at 9th Maharashtra State Inter-University Research Convention **AVISHKAR-2014**, Organized by Maharashtra Animal and Fishery Science University, Nagpur-440 001, on dated **21st- 23rd January 2015**.
24. Participated and Committee member of **Pre Science Congress-2014**, Conference on Science and Technology for Human Development, Organized by Indian Science Congress Association, Aurangabad Chapter, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on **30st-31st Dec. 2014**.
25. Participated and Presented **Research Project Presentation** in Teacher Category **University Level AVISHKAR (ULA-2014)** Organized by DSW, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on **24th-25th Nov. 2014**.
26. Participated and working as **Accommodation Chairman, National Workshop on “Emerging Trends in Geospatial Technology for smart city”**, Organized by Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On **19th-20th Sept. 2014**.
27. Participated & Attended Six Day’s Workshop on “**Natural Language Processing & Image Processing**” (NLP & IP-2014), Organized by School of Computer Sciences, North Maharashtra University, Jalgaon. On **10th -15th Feb. 2014**.
28. Participated and working as **Accommodation Chairman, National Workshop on “Microwave Remote Sensing”**, Organized by Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On **22nd-24th Jan. 2014**.
29. Participated and Presented **Research Project Presentation** in Teacher Category at 8th Maharashtra State Inter-University Research Convention **AVISHKAR-2013**, Organized by North Maharashtra University, Jalgaon-425001, on dated **16th to 18th January 2014**.
30. Participated and Presented **Research Project Presentation** in Teacher Category University Level Research Festival **AVISHKAR-2013** Organized by DSW, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, on **1st January 2014**.
31. Participated and Presented Research Paper "**GIS-Based Air Pollution Monitoring System**", at National Conference on Current Trends in Software Development NCCTSD-2013, Organized by Department of Physic and Electronics Under PAC Forum at M.J. College, On **8th & 9th Feb. 2013**.

32. Participated and working as **Accommodation Chairman, One Day Workshop on “GIS”**, at Aurangabad, Organized by Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On **19th Jan. 2013**.
33. Participated and Presented **Research Project Presentation** in Teacher Category at 7th Maharashtra State Inter-University Research Convention **AVISHKAR-2012**, Organized Department of Instruction by Dr. B. S. Kokan Krishi Vidyapeeth Dapoli, Dist. Ratnagiri, 415712, on dated **7th- 9th January 2013**.
34. Participated and Presented **Research Project Presentation** in Post PG Category University Level Research Festival **AVISHKAR-2012** Organized by North Maharashtra University, Jalgaon on **13th-14th December 2012**.
35. Participated and Presented **Research Project Presentation** in Teacher Category University Level Research Festival **AVISHKAR-2012** Organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on **15th October 2012**.
36. Attended and Presented paper on **“National Conference Advances in computing”** (NCAC2012), Organized by Department of Computer science, North Maharashtra University, Jalgaon on **16th-17th March 2012**.
37. Attended **One Day Workshop on Rights to Information Act-2012**, Organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad and YASHDA, Pune on **13th March 2012**.
38. Attended **Workshop on “Speech Signal processing”**, Organized by **JSPM’s**, Department of Elect. & Tele, Rajashree Shahu College of Engineering, Pune on **24th-25th Feb. 2012**.
39. Worked as **Organizing Committee Member, National Workshop on “Nanotechnology and Intellectual Property Rights and Patents in Science and Technology from Nanotechnology Perspectives, NIPRNP2012**, at Aurangabad, Organized by Department of Nanotechnology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On **16th-17th Feb. 2012**.
40. Attended **Two day Seminar on “Natural Language Processing and Image Processing”**, at Aurangabad, Organized by Department of Computer Science North Maharashtra University, Jalgaon. on dated **16th-17th Jan 2012**.
41. Participated and Presented **Research Project Presentation** in Teacher Category at Sixth Maharashtra State Inter-University Research Convention **AVISHKAR-2011-12**, Organized by Shiwaji University, Kolhapur on dated **13th to 15th January 2012**.
42. Participated and Presented **Research Project Presentation** in Teacher Category University Level **AVISHKAR-2011** Organized by Student Welfare Section, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On **5th January 2012**.

43. Attended and working as **Accommodation Chairman, Workshop on “Automatic Speech Recognition System” WoSAR2011**, at Aurangabad, Organized by Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On **13th -15th Sept. 2011**.
44. Participated in One Day **IT track of Global Maharashtra Conference-2011**. Organized by MACCIA and CSI at Rama International, Aurangabad Chapter, on **7th Jan 2011**.
45. Attended and working as **Registration Secretary, National Workshop on “Data Mining and Data Warehousing”** at Aurangabad, Organized by Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On **25th -27th Jan 2010**.
46. Attended a **Workshop on “IBM DB2”** Organized by Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On **13th -14th Nov 2009**.
47. Attended a **Workshop on “Effective Preparation for SET Examination for Computer Science & Application”** Organized by Department of Computer Science, North Maharashtra University, Jalgaon On **5 May – 5 June 2008**.
48. Attended a **National Workshop on “Emerging Research Trends in Advanced Computing”, (ERTAC-07)** held on **14th-15th July, 2007** Organized by Department of Computer Science, North Maharashtra University, Jalgaon.
49. Attended One Day Training on **“WAN TECHNOLOGY”**, Organized by Jetking Pune, held at Nutan Maratha College, Jalgaon, on **19th Jan 2006**
50. Attended a **National level Workshop on “Advances in Web based Computing”** at Jalgaon, Organized by Department of Computer Science, North Maharashtra University, Jalgaon on **09th-10th February, 2002**.
51. A **Seminar** Presentation on Topic **“Virtual Private Network” (VPN)** at Vivekananda College, Aurangabad in M.Sc. (Computer Science) March, **1999**.

❖ Participated and Presented Papers in International & National Conferences :

❖ International Conferences:

1. Attended **International Webinar on “Future Engineering With Data Science”**, Organized by Department of Electronics and Communication, SoT, Assam Don Bosco University in Collaboration With NIELET (Under Ministry of Electronics and Information Technology, Govt. of India, GUWAHATI, Assam on 10th Nov 2020.
2. Attended **Three Days International Webinar on Covid-19 : Challenges & Opportunities in Software Industry”** Organized by Dhanaji Nana Chaudhari Vidya Prabodhini Sanchalit Shirish Madhukarrao Chaudhari College, Jalgaon Ong 9th -11th July 2020.
3. Attended and Worked as **Organizing Committee Member, International Web Conference on Impact of COVID19 on Education System** Organized by Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On 30th June 2020.
4. **Attended and Worked as Accommodation Chairman, International Conference on Image Processing and Pattern Recognition (ICIPPR-2020) at University Auditorium** Organized by Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On 3rd- 4th Jan 2020.
5. **Attended and presented paper ‘International Conference on Global Trends in Science, Technology, Humanities, Commerce & Management 2019 (ICGTSTHCM 2019)**, organized by SSBT's College of Engineering and Technology, Bambhori, Jalgaon, India. On 18th – 20th January 2019.
6. Attended and Worked as **Accommodation Chairman, International Conference on Knowledge Engineering (ICKE-2016) at University Auditorium** Organized by Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On 21st-23rd Dec. 2016
7. Attended and Presented Paper **‘International Conference on Recent Advances in Statistics and their Application (ICRASTAT-2013)** Organized by Department of Statistics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on 26th-28th Dec.2013.
8. Attended and Presented Paper **‘IEEE International Conference on Communication and Signal Processing (ICCSP-2013)** Organized by Department of Electronics and Communication Engineering, at Adhiparasakthi Engineering College, Melmaruvathur, Tamilnadu (TN), On 03rd -5th April 2013.
9. Attended and Worked as **Registration Secretary, IEEE International Conference on Knowledge Engineering (ICKE-2011) at University Auditorium** Organized by Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On 29th-31thJan 2011.
10. Attended and Presented paper in 1st International Conference on Sunrise Technologies

(i-COST-2011) Organized by SSVPS Bapusaheb Shivajirao Deore College of Engineering & Polytechnic, Dhule On **13th -15th Jan 2011**.

11. Attended and worked as Organizing Member in International conference on **“IEEE Advance Computing Vision and Information Technology” (ACVIT-2009)** at Rama International, Aurangabad, Organized by Department of Computer Science & I.T., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On **16th -19th Dec 2009**.

❖ **National Conferences :**

1. Participated & Presenting Paper entitled “Techniques of content based Image Retrieval: A Survey” National Conference On Recent Trends in Computer Science & Applications (NCRTCSA-2016) Organized KCE Society’s IMR, Jalgaon, in association with North Maharashtra University, Jalgaon on dated **21st-22nd Mar. 2016**.
2. Poster Accepted **“Formant Frequency Estimation of Devnagari Consonants”, Indian Science Congress (ISCA-2013)** organized by Government of India, at Calcutta, **1st to 5th Jan. 2013**.
3. Paper Presented **“De-noising Speech of Marathi Numerals using Spectral Subtraction”,** National Conference on Advances in Computing **NCAC-2012**, organized by North Maharashtra University, Jalgaon on **16th& 17th March 2012**.
4. Poster Presented **“Pitch Estimation of Devnagari vowels using Cepstral and autocorrelation techniques for original speech signals”,** National Conference on Advances in Computing **NCAC-2012**, organized by North Maharashtra University, Jalgaon on **16th& 17th March 2012**.
5. Participated and Presented Paper in **“Intellectual Property Rights in Computer Software” at National Workshop on “Nanotechnology and Intellectual Property Rights and Patents in Science and Technology from Nanotechnology Perspectives,** at Aurangabad, Organized by Department of Nanotechnology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On **16th -17th Feb. 2012**.
6. Presented Paper **“Statistical Methods in Speech Synthesis”, at National Conference on “Statistical Trends and computer software,** at Aurangabad, Organized by Department of Statistics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. On **23th-24th Feb. 2012**.

❖ **Research Papers Published in International Journals:**

- I. **“The Utilization of Google Classroom in the Learning Procedure and Implement in Yemen”** International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN (P): 2249–6890; ISSN (E): 2249–8001 Vol. 10, Issue 3, Jun 2020, 1539–1544.
- II. **“Measuring Accuracy and Performance of Text-To-Speech by Subjective and Objective Methods”** International Journal of Management Technology and Engineering, (IJMTE), ISSN NO: 2249-7455. Volume IX, Issue I, February 2019.
- III. **“Processing of Devnagari Text to Speech Synthesis: A Review”,** International Journal

of Management Technology and Engineering, (IJMTE), ISSN NO: 2249-7455. Volume IX, Issue I, JANUARY 2019.

- IV. **“System Evaluation in Text-To-Speech by Statistical and Mean Opinion Score (MOS)Test”**
- V. **“Isolated Pali Word (IPW) Feature Extraction using MFCC & KNN Based on ASR”,** IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661-ISSN: 2278-8727, Volume 20, Issue 6, Ver. II (Nov - Dec 2018), PP 69-74.
- VI. **“A Review on Automatic Speech Recognition System in Indian Regional Languages”, International Journal of Computer Applications, (IJCA) ISSN: 0975 – 8887),** Volume 181– No.04, July 2018.
- VII. **“Understanding Soil Spectral Signature Though RS and GI Techniques”,** at International Journal of Engineering Research and General Science, (IJERGS) Volume 3, Issue 6, ISSN 2091-2730, Nov.-Dec.2015.
- VIII. **“Image Processing Techniques for Brain Tumor Detection: A Review”,** at International Journal of Emerging Trends and Technology in Computer Science, Volume-4, Issue- 5(2), ISSN-2278-6856, Sept.-Oct.2015.
- IX. **“Implementation of English-Text to Marathi-Speech (ETMS) Synthesizer”,** at International Organization of Scientific, Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 17, Issue 1, Ver. VI (Jan – Feb. 2015), PP 34-43.
- X. **“GIS-Based Air Pollution Monitoring System”, Journal of Chemo and Bio Sphere (JCBS-2013),** ISSN 2277:4238, Volume 1, Issue-4, Feb 2013.
- XI. **“Pitch Estimation of Marathi Spoken Numbers in Various Speech Signals”, IEEE Digital Express Library,** Page(s):405-409, ISBN: 978-1-4673-4865-2.
- XII. **“De-noising Speech of Marathi Numerals using Spectral Subtraction”, Advances in Computational Research,** ISSN: 0975-3273 & E-ISSN: -0975-9085, Volume 4, Issue 1, 2012, pp.: 122-124.
- XIII. **“Pitch Estimation of Devnagari Vowels using Cepstral and autocorrelation techniques for original speech signal”, International Journal of Computer Applications, (IJCA) ISSN: 0975 – 8887),** Volume 55– No.17, October 2012.
- XIV. **“Study of Optimistic Concurrency Control Algorithm on: DDBMS”,**

• **In International Conferences Proceeding :**

- i. **“Statistical Approaches in Computational Sciences”, International Conference on Recent Advances in Statistics and their Application (ICRASTAT-2013)** Organized by Department of Statistics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on 26th-28th Dec. 2013.
- ii. **“Feature Extraction of Varhadi Speech for Speaker Recognition”, International Conference on Recent Advances in Statistics and their Application (ICRASTAT-2013)** Organized by Department of Statistics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on 26th-28th Dec. 2013.

- iii. **“Study of Optimistic Concurrency Control Algorithm on: DDBMS”**, 1st International Conference on Sunrise Technologies (**i-COST-2011**) SSVPS Babusaheb Shivajirao Deore College of Engineering & Polytechnic, Dhule on **13th -15th Jan 2011**.
- iv. **“Concurrency Control Mechanisms in Distributed Database: A Review”**, 3rd International Conference on Semantic E-business and Enterprise Computing (**SEEC- 2010**) Organized by Vimalalayam College, Cochin, Kerala, On **15th -17th Sept. 2010**.

❖ **Academic Activities:**

- Completed (Short Term Course) Online Training Program on “NEP Orientation and Sensitization to be held during **26th Feb 2024 to 06th March 2024** with ‘A’-Grade Conducted by Director, UGC-HRDC (formally Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Ch Sambhajinagar
- **Refresher Course in Computer science and IT**, during 18th Sept. to 05 Oct.2023, with ‘A’-Grade Conducted by Director, UGC-HRDC (formally Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Ch Sambhajinagar
- Worked as **Member** of Transportation committee in University Level AVISHKAR2023 relating **Appointed by DSW**, Dr. Babasaheb Ambedkar Marathwada University, Ch. Sambhajinagar on **dated 05th-06th Jan 2024**.
- Completed Online **Refresher Course in Computer science and IT**, during 18th Sept. to 05 Oct.2023, with ‘A’-Grade Conducted by Director, UGC-HRDC (formally Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Ch Sambhajinagar.
- Completed **Refresher Course in Gender Sensitization (All Subject)**, during 1st to 22nd Feb.2019 with ‘A’-Grade Conducted by Director, UGC-HRDC (formally Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- **Infosys Project Genesis Training the trainer (FDP) program** Organized by Central Training & Placement Office, Dr. BAM University Campus, at Infosys BPO Ltd. Phase-II, Rajiv Gandhi Info-Tech Park, Hinjewadi, Pimpri, Pune **on dated 12th July to 20th July 2017**.
- Worked as **Vigilance Examination Squad Visiting Member** of Oct./Nov. Examination 2016 Appointed by COE, Dr. Babasaheb Ambedkar Marathwada University, A’bad.
- Worked as **Member** of Review committee relating to verification about the present position of the curriculum of **CBCS system Appointed by BCUD**, Dr. Babasaheb Ambedkar Marathwada University, A’bad on **dated 02-11-2015 to 03-11-2015**.,.
- Working as College **Affiliations Committee Member** Appointment by BCUD, Dr. B.A. Marathwada University, A’bad time to time.
- Working as **Project Guide**, for M.SC. CS and IT Students, at Department of computer science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Working as **Course Coordinator, Paper Setter, Evaluator, Moderator**, for B.Sc+M.sc (Integrated Course), B.Sc. (CS) Model College and M.Sc. (CS), and M.Sc. (IT) Students, at

Department of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

- Completed **112th Orientation Course**, During 1st to 29th July 2016 with '**A'-Grade** Conducted by Director, UGC-HRDC, Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Completed **87th Refresher Course in Computer Science and I.T** During 8th to 28th Mar 2011 with '**A'-Grade** Conducted by Director, UGC-Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Working as **Project Guide**, for B.Sc. CS and IT Students, at Graduate level at Nutan Maratha College, and KCE's M. J. College, Jalgaon.
- Working as **Research Supervisor** for M.Phil. And Pd.D. in Computer Science and Technology Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

❖ **Co-Curriculum Activities:**

- Worked as **Resource Person**, to Delivered lectures of **Pre-Ph.D. Course Work** at Department of Marathi, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad **on dated 30th July 2019.**
- Worked as **Resource Person**, to Delivered lectures of **Pre-Ph.D. Course Work** at Department of Political Sciences, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad **on dated 9th April 2019.**
- Worked as **Resource Person**, to Delivered lectures of **Pre-Ph.D. Course Work** at Department of Management, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad **on dated 15th Dec. 2018.**
- Worked as **Session Chair 3rd** National Conference Emerging Trends in Computer & Information Technology, ETCIT-2016, Organized by TESociety's Bhusawal Arts, Science & P.O.Nahata Commerce College, Bhusawal Dist. Jalgaon, and Maharashtra **on dated 07th Oct.2017.**
- Worked as **Session Chair** National Conference on "Current Trends in Computer Science and Information Technology, CTCSIT-2016, Organized by Department of Computer Science DNCVP's, Art, Commerce and Science College Jalgaon, Maharashtra **on dated 9th Dec.2016.**
- Worked as **Session Chair 2nd** National Conference Emerging Trends in Computer & Information Technology, ETCIT-2016, Organized by TESociety's Bhusawal Arts, Science &

P.O.Nahata Commerce College, Bhusawal Dist. Jalgaon, Maharashtra **on dated 14-15th Oct.2016.**

- Worked as **Resource Person**, to Delivered lectures of Pre-Ph.D. Course Work at Department of Public Administration, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad **on dated 10th Dec. 2015.**
- Worked as **Paper Setter, Evaluator, Moderator**, for **DOEACC Scheme on Hardware Courses Examination from the year 2010-2015** like 'O-Level, 'A-Level students, at **NILET Aurangabad** (Formerly DOEACC Center Aurangabad) (An Autonomous body of Dept. of Information Technology, Ministry of communication and information technology Government of India)
- Working as **Chairman of Departmental Academic Time Table**, Department of computer science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Working as **Coordinator, Departmental Library**, Department of computer science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Worked as **Coordinator, Internet Lab**, Department of computer science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Working as **IT-Tour Coordinator**, Department of computer science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Worked as **CAS-Officer**, Rajshri Shahu Maharaj Parikasha Bhavan, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Working as **Program Officer**, National Service Scheme (NSS), JDMVP's Nutan Martha College, North Maharashtra University, Jalgaon.

❖ **National & International level Advisory Membership:**




- **Member on Board of Studies of Computer Application as "Subject Expert"** Nominated by Director GH Raison College Engineering and Management Jalgaon, from 2024-2027.
- **National Advisory Committee Member**, 2nd National Conference Emerging Trends in Computer & Information Technology, ETCIT-2016, Organized by TESociety's Bhusawal Arts, Science & P.O.Nahata Commerce College, Bhusawal Dist. Jalgaon, Maharashtra.
- **National Advisory Committee Member**, National Conference on "Current Trends in Computer Science and Information Technology, **CTCSIT-2016**, Organized by Department of Computer Science DNCVP's, Art, Commerce and Science College Jalgaon, Maharashtra **on dated 9th Dec.2016.**
- **Editorial Board Member**, International Interdisciplinary Journal of Dynamic Research Society, ISSN: 2455-4979.

- **National Advisory Committee Member**, State Level Mega IT Event “iNOVA2016”, organized by Department of Computer Science, DNCVP’s Art, Commerce & Science College, Jalgaon.
- **Member of International Speech Communication Association (ISCA), with Membership No: ISCA 17669.**
- **Life Member of Indian Science Congress Association (ISCA), with Membership No: L28045.**
- **Life member of International Association of Engineering (IAENG), with Membership Number is: 108700.**
- **Life Member of Advances in Computational Machine (ACM).**

❖ **Awards:**

- **State Level Teacher Gaurav Award** felicitated by Samarth Foundation and Edureq Hub, Thane, Mumbai (Maharashtra) on Dated 22nd September 2024.
- **Gunvant Guarav Purskar** Award from Guru Ravidas Club, Jalgaon 15/08/2015
- **(Awarded State Level 2nd Prize in Teacher Category)** For Research work presented entitled as “**Domain Specific Speech Synthesis System**” (TTS Marathi- Calculator) held on 7th to 9th January 2013, at 7th Maharashtra State Inter University Research convention, ‘AVISHKAR-2012’, Organized by DSW, Dr. B. S. Kokan Krishi Vidyapeeth Dapoli.
- **Special Award Felicitated** by M. J. College for Completing the **M. Phil. Degree In (Computer Science)** as dated on 2009-2010.
- “**Best NSS-Program Officer Award**”, felicitated by Hon’ble Vice Chancellor Prof. R.S. Mali in NSS-Camp Organized by North Maharashtra University Campus, Jalgaon on year 2001.
- **Award Felicitated by** J.D.M.V.P.S, Nutan Martatha College, Jalgaon for **1st in B.Sc. (Electronics)** including all Science Branches at academic year 1996-1997 on **25th Jan 1999.**

❖ **Patent: AI and IOT Based Asthma Detection Device Granted by Govt. of India.**

  ORIGINAL
क्रम सं. Serial No. : 178712



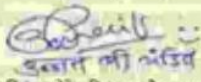
पेटेंट कार्यालय, भारत सरकार | The Patent Office, Government Of India
डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 423413-001
तारीख / Date : 16/07/2024
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **AI AND IOT BASED ASTHMA DETECTION DEVICE** से संबंधित है, का पंजीकरण, श्रेणी 24-01 में 1.Dr. Sunil Shravan Nimbhore 2. Dr. Mohammed Tawfik Musaed 3.Mr. Ashish Rajaram Lahase 4.Dr. Kamal Upreti 5.Mr. Nilesh Jayaji Misal 6.Mr. Abhijeet Gulabrao Dhepe के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 24-01 in respect of the application of such design to **AI AND IOT BASED ASTHMA DETECTION DEVICE** in the name of 1.Dr. Sunil Shravan Nimbhore 2. Dr. Mohammed Tawfik Musaed 3.Mr. Ashish Rajaram Lahase 4.Dr. Kamal Upreti 5.Mr. Nilesh Jayaji Misal 6.Mr. Abhijeet Gulabrao Dhepe.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यायीन प्रावधानों के अनुसरण में
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

 
महानिदेशक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

जारी करने की तिथि : 22/08/2024
Date of Issue :

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❖ **List of Students in M.Sc. (Computer Science & Information Technology) Project Successfully Guided:**

SR. NO.	STUDENT NAME	PROJECT TITLE	YEAR
1.	JADHAV MANOJ L.	STATE TRANSPORT DEPOT MANAGEMENT SYSTEM	2009-2010
2.	PHULARI POONAM B.		
3.	PIMPALVADIKAR ASHVINI A.		
4.	SHENDE KANCHAN V.	Web site for Marathi poem	2010-2011
5.	TIRMALE NITIN K.		
6.	GADKAR MANISHA K.		
7.	ANAND SAMYAK MANISH	Shikshan Kranti (Admission Module).	2011-2012
8.	VAISHNAV RAJSHRI MANIKDAS	Plant Disease Control System.	
9.	JOSHI KALYANI SATISHCHANDRA	Online Signature Recognition On Hybrid Approach.	
10.	TUPE SUVARNA MACHINDRANATH	Big-Bazaar.	
11.	SARAF MAYURI VISHWAMBHAR	Factory Visitors Gate Pass System.	
12.	ABBAS MOHMOOD AHMAD	Geospatial Business Directory.	
13.	MAYTHAM MOHMMED TUAAMA	Anonymization of Medical Data for Classification.	
14.	MUSTAFA ABD ALRASSUAL JASSIM	Geo-spatial e-property Browsing.	
15.	AHMED ABDUL GHANI SALIH	Using Android Mobile System to Receive & Send Video Streaming.	
16.	GHASSAN ALMAAMARI	Pharmacy Management System.	
17.	RAOOF YAKUB ODA	A Tool Box of Well & It's Pipelining Monitoring Using GIS.	2012-2013
18.	SALAM SAAD	E-Governance Using GIS & Cloud Computing: A Case Study of Street Electricity Management Toolbox.	
19.	DESHMUKH BHAGYASHREE P	Marathi Spoken Numerals Feature Extraction Using MFCC.	
20.	PRAJAKTA DONGARE		
21.	AKSHATA DONGARE	Sugar Cane Factory Management System	
22.	KULKARNI OMKAR	Swami Swarupand Trust -Website	
23.	MOHAMMED ESSMAT SENO	DERECTION AND PREVENTION OF INSTRUSION IN WIRELESS SENSOR NETWORKS	

24.	DINDAR MIKAEEL AHMED	Improving The Security of Data Transmission Via cloud by Spitting the Data.	2013-2014	
25.	SARKAFT IBRAHIM MOHAMMED	Integrated Data For Customer Support System		
26.	MOHAMMAD ESENO	Detection and Presentation of Intrusion in Wireless Sensor Network (IWSN).		
27.	GHASSAN ALMAAMARI	OCR System for Objective Examination Using Mobile Image.		
28.	NILIMA SUDHIRRAO DESHMUKH	COMPUTERIZED SANT ROHIDAS HEALTH CARE CENTER	2014-2015	
29.	NEHA MADANSING TAUR			
30.	KOMAL PRAKASH ANKUSHE			MARATHI SPEECH ANALYSIS USING VISI PITCH (FOR DISABLED (MR)STUDENTS)
31.	MOHAMMAD BAHJAT NAEEM			FAST CLUSTRING BASED FEATURE SELECTION ALGORITHM FOR BIG DATA
32.	MANGAL M PISAL	ANDROID APP FOR DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY	2015-2016	
33.	PRIYANKA U SONAWANWE			
34.	HAZRA R QURESHI			
35.	KRISHNA C SABLE			
36.	AMOL BABASAHEB WAHULE	DEPARTMENT OF PUBLIC ADMINISTRATION WEBSITE		
37.	MAYURI GANESH TAMBE			
38.	GANESH JAGDHANE	DYNAMIC RESEARCH SOCIETY:WEBSITE	2016-2017	
39.	ADESH SHARNAGAT			
40.	SONALI KAMBALE			
41.	BHAGYASHRI PADUL	GURU SANT ROHIDAS CLUB: WEBSITE	2016-2017	
42.	RAMA MORE			
43.	KAILASH KHARABE	MEDICINAL PLANT WEBSITE	2017-2018	
44.	KANCHAN PATHADE	DEPARTMENT ANDROID APPLICATION	2017-2018	
45.	VISHWBHUSHAN JAMNIK			
46.	SNEHAL PATANGE			
47.	PARMESHWAR RATHOD			
48.	JAYSHREE GADHE	EDUCATIONAL KIDS ANDROID APP	2018-2019	
49.	MOHD. ABID MOMIN			
50.	SAYED AHTESHAM	JALDOOT ANDROID APP	2019-2020	
51.	SHUBHANGI SHIRSAT			
52.	PRANITA S. PHATALE	NSSR&S BAMU.IN WEBSITE	2019-2020	
53.	NIKITA A. TAGAD			
54.	SOLANKE DATTATRAY			
55.	ALI AHMED SALEH MOHMMED AL-BAKHRANI	DESIGN AND DEVELOPMENT OF AUTOMATIC MULTILINGUAL TEXT TO-SPEECH AND SPEECH-TO-TEXT TRANSLATOR AND READER USING THE DEEP LEARNING NETWORK FRAMEWORK	2020-2021	
56.	RABEA MAHYOUB HASAN ALI	MACHINE LEARNING BASED TRANSLATION ANDROID APPLICATION OF USING FIREBASE FRAMEWORK	2020-2021	
57.	RAHUL GAIKWAD			

58.	RANJEET KHATAKE	WEB BASED MEDICINE MANAGEMENT SYSTEM	2020-2021
59.	VAIBHAV KULKARNI		
60.	ZAID NABIL MOHAMMED THABIT	DRBAMUINVERITY, AURANGABAD CAMPUS FOREIGN HOSTEL MANAGEMENT SYSTEM.	2020-2021
61.	KUNAL TAYADE	DRSSN DIGITAL PROFILE	2020-2021
62.	IDREIS BAKODA		2020-2021
63.	MAYUR R. SANAP	IMAGE CLASSIFICATION AND IDENTIFICATION USING PYTHON	2021-2022
64.	ASHWINI SONWANE	COMPUTERIZED BLOOD BANK FOR NSS-UNIT OF DR BAM UNIVERSITY, AURANGABAD	2021-2022
65.	SUDHIR THORBOLE	RESPONSIVE WEB APPLICATION @DRSSN	2021-2022
66.	TALIF K. SHAH	SENSOR BASED FIRE DETECTION SYSTEM USING ARDUINO	2021-2022
67.	SHWETA PARALIKAR	DATABASE CREATION OF SPEAKER DIARIZATION	2021-2022
68.	SHINDE KRUSHNA B.		
69.	SANKET D.WAGHMARE	QR BASED TEXT READING OF INDIAN LANGUAGES	2022-2023
70.	POOJA B. MOGAL		
71.	PRIYANKA HIWALE	TEXT AND SPEECH DATABASE OF REGIONAL LANGUAGES	2022-2023
72.	SUDAM CHAVAN		
73.	SHIWAM WANDHARE	DEVELOPMENT OF AI-BASED URDU LANGUAGE CHABOT'S	2023-2024
74.	KIRAN RATHORE		
75.	POJITA SHRIRAM	DEVELOPMENT OF AI-BASED HINDI LANGUAGE CHABOT'S	2023-2024
76.	VAISHANAVI JADHAV		
77.	ANJALI JAWALE	PROCESS REPAIR DATA TRACEABILITY	2023-2024
78.	RUTUJA KADAM	GARWARE COMMUNITY CENTRE	2023-2024
79.	ROHINI NAWALE	DIGITAL PROFILE OF DRSSN@BAMU ENHANCING RESEARCH ARTICLES	2023-2024
80.	SAMPADA S. KATE	QR-CODE BASED TEXT-TO-SPEECH SYSTEM FOR INDIAN LANGUAGES	2023-2024
81.	SANGAM WATHORE		

List of Ph.D. Students

Sr No	Student Name	Research Topic	Year	Status
1	Siddharth Sukhdev More	Continuous Speech Recognition System Of Pali Language Using Deep Learning Framework	2019	Working
2	Ravindra Sudhakar Komte	Keyword Based Women Violence Detection Using Tag Based Image Retrieval	2019	Working
3	Mohammed Tawifk Ali Naji Musaed	Asthmatics Smart Care Protection System Using IoT And Machine Learning.	2019	Submitted
4	Santosh Kashiram Mehar	Artificial Intelligent Text And Voice-Based Conversational Interfaces Chabot Using Deep Natural Language Processing	2019	Working
5	Ashish Rajaram Lahase	Automatic Speaker Diarization of Marathi and Hindi language using deep learning technique	2021	Working

List of M.Phil. Students

Sr.No	Student Name	Research Topic	Year	Status
1	Siddharth Sukhdev More	Isolated Word Recognition for Pali Language Using ASR	2018	Awarded
2	Pooja Abhang	Dialect Analysis of Native and Non-Native Speakers of Marathi Language for Continuous Speech Using Automatic Speech Recognition	2020	Awarded
3	Mrs. Rutuja Vyapari	Analysis of Marathi Isolated Disease Words Using HTK	2021	Awarded
4	Abhijeet Dhepe	Design and Development of ASR-Based Crop Diseases Predication Using DNN Python Framework	2021	Working

❖ **Experience Highlights:**

- **Project: -Development and Design of website for Cyberjalgaon.com.**

The URL of the website is <http://cyberjalgaon.com/>

This site gives information about the jalgaon district authorization, authentication rights to web portal and anatomy server manages the research system. On the rights available to the user. The website developed in Linux and Windows NT operating environment.

- **Project: -Development and Design of website for jjit.net.**

The URL of the website is <http://jjit.net/>

This site is a commercial business company it's providing online banking software all places in Maharashtra. It's gives online information and authentication rights to web portal of Jalgaon district as well as all over Maharashtra authorized Society, Banks.

References:

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Prestigious Ramanujun Chair
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mehrotra.suresh15@gmail.com

Declaration:

I do hereby declare that all the statements made in this application are true, complete and correct to the best of my knowledge and belief. I understand and agree that in the event of any information being found incomplete being detected at any time before or after selection / interview.

Dr. Sunil Shravan Nimbhore

Date:

Place: Aurangabad.