

Dr. Ajitkumar Meshram Pundge



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SUMMARY

- 16+ years of diverse experience in Academic and 8 year of experience in Research Area While Pursuing Ph.D. in Computer Science Entitle “**Development of Intelligent Answering System for Online Subjective examination**” My Ph.D Work purview of Natural Language Processing **Developed Factoid-base QA system**. Looking for opportunity in Computational Linguistics, Natural Language Processing and want to contribute in Artificial Intelligence domain with emphasis on building solutions with the implementation of Machine Learning (Supervised Learning and Unsupervised Learning algorithms) for Natural Language Processing (IR, IE, QA), Natural-language Understanding, Data Science.

WORK EXPERIENCE

- Worked as a **Associate Professor** at Brainware University, Barasat, Kolkata 700125 from 20th March 2023 to July2023
- Worked as an **Assistant Professor** in MGM’S Dr. G. Y. Pathrikar College of Computer Science and information Technology, **MGM University**, Maharashtra, India 2009 to March 2023
- Worked as **Lecturer** in Department of Computer science, Shiv Chhatrapati College from 2008 to 2009
- Worked as **Centre Head** in ACTS Computers from 2003 to 2008
- Worked as **Computer Engineer** in Arya Computers from 2001 to 2003
- **Worked as Reviewer** of the International Conferences
- **Working as a reviewer** of international conference on 3rd International Conference on Intelligent Systems, Cognitive Science and Knowledge Engineering, organized by Department of Computer science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Patent: Title of the Invention: “AUTOMATIC WIRELESS CHARGING MECHANISM FOR SMART HOME DEVICES WITH SMART RADIATION POSITIONING MECHANISM “

Patent: Title of the Invention: “ ARTIFICIAL INTELLIGENCE BASED INTRON RETENTION DETECTION AND IDENTIFICATION FOR NEURAL DISEASES”

BOOK CHAPTER

- Patel, S. R., **Pundge, A.**, & Akhter, N. “**HARNESSING IOT AND ARTIFICIAL INTELLIGENCE FOR SUSTAINABLE HEALTHCARE.**”, Emerging Trends in Science, Social Science, Engineering and Management - A Multidisciplinary Approach: Volume-1 312 CHAPTER 35, 2023

PUBLISHED PAPER

- Sachin Shelke and **Dr. Ajitkumar Meshram Pundge**, "**A Comparative analysis and study of vehicular adhoc network**", in Proceedings of International Conference on Applications of Machine intelligence and data analytics 2022 (ICAMIDA-2022) springer. Atlantis-Press part of Springer Nature, ISSN:2352-538X, May 2023
- Saniya Raheen Mujeebuddin Patel, **Dr. Ajitkumar Pundge**, Zebanaaz Syed and Nazneen Akhter, "**An Analysis of Recent Developments in Healthcare Technology from the Standpoints of Artificial Intel elligence,the Internet of Things,and Remote Health Monitoring**", in Proceedings of International Conference on Applications of Machine intelligence and data analytics 2022 (ICAMIDA-2022) springer, Atlantis-Press part of Springer Nature May 2023.
- **Ajitkumar Meshram Pundge** and C. Namrata Mahender, "**Evaluating reasoning factoid based QA system using machine learning approach**", In Proceedings of the IEEE 3rd International Conference on Communication and Electronics Systems (ICCES 2018), IEEE Xplore digital library.
- **Ajitkumar Meshram Pundge**, Maheshkumar Landge, C. Namrata Mahender, "**Intelligent Answering System using Knowledge-based Approach**", In Proceedings of the IEEE International Conference on innovation in Engineering, Technology and Science (ICIETS)-2018, IEEE Xplore digital library.
- **Ajitkumar Meshram Pundge**, Khillare S.A, Dr. C. Namrata Mahender, "**Question Answering System, Approaches and Techniques: A Review**", International Journal of Computer Applications (0975 – 8887)Volume 141 – No.3, May 2016.
- Sanah Nashir Sayyed, **Ajitkumar Meshram Pundge**, Dr. C. Namrata Mahender, "**Text mining for proper identification of noun using Conceptual Dependency**", In Proceedings of the IEEE International conference on Smart Systems and Inventive Technology (ICSSIT) IEEE Xplore digital library. IEEE-2018
- Kalpana B. Khandale ,**Ajitkumar Meshram Pundge** ,C. Namrata Mahender, "**Similarities in words Using Different Pos Taggers**" ,International Conference On Recent Advances In Computer Science, Engineering And Technology 2 Feb 2017 to 4 Feb 2017 IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661,p-ISSN: 2278-8727, PP 51-55

- Sanah Nashir Sayyed, **Ajitkumar Meshram Pundge**, Sachin Madhukar Zine, Dr. C. Namrata Mahender, "**Conceptual Dependency to Extract the important event from story to Enchanted Summarization**", Journal of Computational and Theoretical Nanoscience, 2018
- Aditi P.Deshpande, **Ajitkumar Meshram Pundge**, Namrata Mahender, "**Scientific chart Data Extraction and summarization through Question Answer Generation**", Journal of Computational and Theoretical Nanoscience, 2018
- **Ajitkumar Pundge**, Saira Kazi, Suhas Mache , "**Online learning different approaches and necessity for assessment**", proceeding of the international conference on recent trends and challenges in science and Technology (RTCST2014) on 20-22 August 2014 at padmashri vikhe patil college of Arts, science and commerce, pravaranagar Ahmednagar (MS), India.
- **Ajitkumar Pundge**, Suhas mache, Kazi Saira, "**Review on Text to speech synthesis**", National Conference on innovative Practices in business management and information technology new millennium, Rajershi shahu institute of Managament Auranagabad 2014
- **Ajitkumar Pundge**, Dr. Prapti Deshmukh, Sanjay Azade, Satish Sankaye, "**Multicore Programming Performance and Analysis**", international journal of research in computer application and management, **VOLUME NO. 3 (2013), ISSUE NO. 11 (NOVEMBER) ISSN 2231-1009**
- **Ajitkumar Pundge**, Sanjay Azade, "**Software effort estimation by applying fuzzy logic approach to cocomo model**", international conference on current trends and challenges in management, engineering, computer application and technology, ICCTCMECAT 2012
- **Ajitkumar Pundge** and Kazi Saira, "**Mobile Learning for education in 21st Century**", National Workshop on Methodology on education research organized by department of education, Dr Babasaheb Ambedkar Marathwada University, sub-campus osmanabad on 3rd – 4th November 2014.
- **Ajitkumar Pundge**, "**Study of Computational Linguistic Essential for E-learning**", National Workshop on Methodology on education research organized by department of education, Dr Babasaheb Ambedkar Marathwada University, sub-campus osmanabad on 3rd – 4th November 2014.

SUBJECTS TAUGHT

Under Graduate Subject

- Internet of Things
- Cloud Computing
- Theory of Computation
- Ethics and Cyber Law
- Python Programming Language

- Operating system
- Programming in C
- Programming in C++
- Electronic commerce
- Data structure
- Microprocessor
- Software Cost Estimation
- ADBMS
- Peripheral and interfacing
- Windows Administration and security
- PC-Maintenance
- Printer and Plotter
- Personal Computer Architecture
- IOT
- **Post Graduate Subject**
- Embedded System
- Advance Computer network
- Parallel Computer Architecture
- Web Design and Development using PHP
- Research Methodology

EDUCATION

- 2014–2021 Ph.D in Computer Science**, Dr.B.A.Marathwada University, Maharashtra, India.
- 2008–2010 MPhil in Computer Science**, Dr.B.A.Marathwada University, Maharashtra, India.
- 1999–2001 Master of Science in Computer Science**, Dr.B.A.Marathwada University, Maharashtra, India.
- 1995–1998 Bachelor of Science**, Milind College of Science, Maharashtra, India.
- 1993–1995 H.S.C (10+2)**, Milind College of Science, Maharashtra, India.
- 1992–1993 S.S.C (10)**, St Francis De Sales High School, Maharashtra, India.

WORKSHOP/SEMINAR ATTENDED

- National Workshop on **Data mining and data Warehousing** organized by Department of Computer science and information technology, Dr. Babasaheb Ambedkar Marathwada university
- National Workshop on **Advances in Computing** organized by Department of Computer school Jalgoan University. 10 to 15 February, 2014
- National Conference on innovative Practices in business management and information technology new millennium, Rajershi shahu institute of Management Aurangabad 2014
- State Level Three days Workshop on SET/NET/GATE Guidance in subject of Computer science during 16th to 18th June 2014 Organized by MGM's Dr. G. Y. Pathrikar College of Computer science and IT.
- IEEE Bombay Section's Two Days Knowledge and Enhancement Program (SKEP) Session Organized by MGM's Dr. G. Y. Pathrikar College of Computer science and IT,

Jawaharlal Nehru Engineering college(JNEC), IEEE Student Branch, Aurangabad During 5th and 6th August 2016.

- A Workshop on **LaTeX** on the occasion of Silver Jubilee Celebration organized by Department of Computer science and IT, Dr. Babasaheb Ambedkar Marathwada university, Aurangabad on 25th June 2016.
- 10 days Vipassana Meditation Course organized by Vipassana International Academy, Igatpuri Between 28th August 2014 to 31 August 2014.
- Two Days Workshop on **Text Mining using R**, organized by Department of Computer science and IT, Dr. Babasaheb Ambedkar Marathwada university, Aurangabad During 5th and 6th March 2016.
- National Workshop on Methodology on Education Research, organized by Sub Center Dr. Babasaheb Ambedkar Marathwada University, Osmanabad on 3rd and 4th November 2014.
- One Day State Level Seminar on **Cyber Law and Cyber Security** Held on 18th January 2017 organized by MGM's Dr. G. Y. Pathrikar College of Computer science and IT, Aurangabad.
- Two Day National Level Seminar on Quality Sustenance and quality Enhancement by IQAC at institution level organized by MGM's Dr. G. Y. Pathrikar College of Computer science and IT on January 31st to 1st February 2017.
- One day workshop on **eSim** a First Course in the IoT Series for Teachers on 21 September 2019
- One day Workshop on **Linux** on 23 August 2019
- **Python** Workshop on 22 June 2019 for Teachers and Research scholars
- One day Workshop on **Scilab** - 4 May 2019
- Pedagogy for Online and **Blended Teaching-Learning Process** - Autumn 2018
- Foundation Program in **ICT for Education** - Autumn 2018
- National Webinar 03 in Marathi on Assessment and accreditation: A Revised Accreditation Framework for Affiliated colleges conducted from 22nd April 2020 to 26th April 2020.
- Webinar on Topic "**The Journey of Data Science**", on 26 may 2020 Organized by MGM University, Dr. G. Y. Pathrikar College of Computer science and Information Technology, Aurangabad.
- "**Virtual National Symposium on soft Biometrics**" on 18 May 2020 Organized by MGM University, Dr. G. Y. Pathrikar College of Computer science and Information Technology, Aurangabad.
- International Webinar on "**Writing Article in Impacted Journal**", on 19 May 2020 Organized by MGM University, Dr. G. Y. Pathrikar College of Computer science and Information Technology, Aurangabad.
- Webinar on "**Impact of Blockchain**" on 29 May 2020 Organized by MGM University, Dr. G. Y. Pathrikar College of Computer science and Information Technology, Aurangabad.
- **R** Training Organized by MGM's Dr. G. Y. Pathrikar College of Computer science and Information Technology, Aurangabad in January 2020 Semester. Training is offered by the spoken tutorial Project, IIT Bombay.

CONFERENCES ATTENDED

- International Conference in “ACVIT07” Advance Computer vision and information Technology organized by Department of Computer science and information technology. Dr. Babasaheb Ambedkar Marathwada university
- Indian science congress 2012 at Bhubaneswar.
- The international conference on recent trends and challenges in science and Technology (RTCST2014) 2014 at padmashri vikhe patil college of Arts, science and commerce, pravaranagar Ahmednagar (MS), India.
- Pre-Science Conference on science and Technology for human development organized by ISCA Auranagabad Chapter, Dr. Babasaheb Ambedkar Marathwada University, Auranagabad December 30th and 31, 2014
- Attended Indian Science Congress 2016 at Mysore
- International Conference on Knowledge Cognitive and Engineering organized by Department of Computer science and IT, Dr. Babasaheb Ambedkar Marathwada University, Auranagabad During 23rd to 25th December 2016.
- International Conference on Recent Trends in Computer science, Engineering and Technology, Organized by MGM’s Dr. G. Y. Pathrikar College of Computer science and IT, Auranagabad During 2nd February to 4th February 2017
- International Conference on innovation in Engineering, Technology and Science (ICIETS)-2018, IEEE, 20-21 Sept 2018, organized by NIE Institute of Technology, Hottagalli, Industrial area, Mysore
- 3rd International Conference on Communication and Electronics Systems (ICCES 2018), IEEE explore, organized by PPG INSTITUTE OF TECHNOLOGY, COIMBATORE, INDIA, 15-16 October 2018
- International web Conference on Impact of COVID-19 on education System, Organized by Dr. Babasaheb Ambedkar Marathwada University in Association with computer society of india, Wikimedia india and IETE on 30 May 2020.

Faculty Development Program

- Faculty Development Program under **DST-NIMAT** Project sponsored by National Science and Technology Entrepreneurship development Board (NSTEDB) Government of India, New Delhi organized by MCED from 29/09/2016 to 14/10/2016
- University Grant Commission Sponsored Orientation Program on **E-governance and E-learning** organized by Dr. Babasaheb Ambedkar Marathwada university, Auranagabad.
- University Grant Commission- Sponsored Refresh Course e-governance and e-learning from 04/09/2013 to 27/09/2013 [21days]
- Deogiri institute of engineering & management studies & Prudential info-tech limited sponsored Faculty Development Program on **Ethical hacking** from 02/07/2019 to 06/07/2019 [6 days]
- Faculty Development Program [FDP201x] on Pedagogy for online and blender teaching-learning process conducted by Indian institute of technology Bombay from Oct 30, 2018 to December 13. 2018 [43 days]
- Faculty Development Program [FDP101x] on Foundation Program in ICT for education conducted by Indian institute of technology Bombay from September 13, 2018 to October 18. 2018 [36 days]

ACADEMIC ACTIVITIES PERFORMED

- Worked as **Reviewer** of 3rd International Conference on Intelligent Systems, Cognitive Science and Knowledge Engineering, **2023**
- Worked as **Reviewer** of International Conference in Application of Machine Intelligence and Data Analytics 2022 (ICAMIDA **2022**)
- Worked as **Assistant Central Assistant Program (CAP) In-charged at MGM University, 2022**
- Worked as Hardware In-charge for ISO Procedure in MGM's Dr. G. Y. Pathrikar College of Computer science and IT from 2010 to 2017
- Worked as NCC CARE taker in MGM's Dr. G. Y. Pathrikar College of Computer Science and IT, affiliated for 51 Maharashtra Battalion for SD/SW
- Worked as a University internal Examination internal Squad Member.
- Worked in Internal Practical Examiner
- Worked as a Organizing Committee for Two days National Seminar on Quality Sustenance by IQAC at institute level held on 31st January and 1st Feb 2017
- Worked as a Organizing Committee for International Conference on recent Advances in computer science, Engineering and Technology held on Feb 3rd 2017 to 4th Feb 2017
- Worked for Paper Setter for UG and PG since from 2012 till date
- Working as Post Graduation Paper setter for University.
- Worked as a visiting Faculty for MGM's Mother Teresa College of Nursing from june 2012 to 2014 for 2 years.
- Completed one Refresher course on **E-governance and E-learning** conducted by University grant Commission at Dr. Babasaheb Ambedkar Marathwada university, Aurangabad
- Working as a Program officer in college for department of lifelong learning Extension activity, and attended workshop for program officer Since 2013 to 2016

AREA OF INTEREST

Artificial Intelligent, Natural Language Processing, Artificial Neural Network, Software Engineering, Concurrent programming, Embedded Systems, IOT.HCI, Computer vision, Computational Linguistics, Psychoanalysis and Computational Intelligence, Multi-core System. Computational Linguistics, etc

SKILLS

- Python, NLTK Tool, Vtune, OpenMP, R tool, NLP Tagger, Cognitive Tagger, Freeling, C, C++, JAVA, VC++, Stanford POS tagger, Numpy, Matplotlib, Textbob, Machine Learning Library (Scipy, Scikit-learn)

HARDWARE AND NETWORKING SKILL

Role and Responsibilities

- Troubleshooting and maintenance of PC, Installation of Software, Hardware upgrade, Networking knowledge
- Linked computers to network and peripheral equipment, including printers and scanners.
- Responded to support requests from end users and patiently walked individuals through basic troubleshooting tasks.

- Tested and installed motherboards, processors and graphics cards on desktops and laptops for corporate staff.
- Configured hardware, devices and software to set up work stations for employees.

MEMBERSHIPS / INVOLVMENT

- Life Member of Indian Science Congress Association (ISCA)
- Member of Computer science teacher Association (CSTA)

PERSONAL INFORMATION

Name: Dr. Ajitkumar Meshram Pundge

Fathers Name: Late.(Ret)Prof. Meshram Gyanoba Pundge, PES's Milind college of Arts

Date of Birth: 1st July 1977

Religion: Buddhist

Caste: Schedule Caste(SC)

Address: "Kasliwal Visawa", Flat No B-5, Deshmukh Nagar, behind jain mandir Garkheda
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I hereby declare that the information provided above is true to my knowledge and belief.



Dr. Ajitkumar Pundge