

Faculty Name: Prof. Prathamesh Churi

Designation and Position: Assistant Professor, Department of Computer Engineering

Education Qualification: PhD (Pursuing- Data Privacy), M.E. (Information Technology), B.E. (Computer Engineering)

Specialization: Information and System Security, Data Privacy, Education Technology

Academic Experience: (Number of Experience: = 07 Years)

- Lecturer (Information Technology Department), Vidyavardhini's College of Engineering and Technology, University of Mumbai, Maharashtra, India (2014-2016)
- Assistant Professor (Department of Computer Engineering), Mukesh Patel School of Technology Management & Engineering, NMIMS University, Mumbai, Campus, India

Non Academic Experience: (Number of Experience: = 01)

- Research Mentor, Cerebranium LLC, Germany

Membership:

- Senior Member, IEEE
- Life Member, CSI
- Member, ACM
- Life Member, ISTE
- Life Member, IAENG

Service Activities (Within Organization)

- Website Coordinator (MPSTME)
- NMIMS Chronicle Coordinator from School

Service Activities (Outside Organization)

- **Associate Editor**, International Journal of Advances in Intelligent Informatics (IJAIN), Published by Informatics Department - UAD, UTM Big Data Centre - UTM, and ASCEE, Indonesia (Scopus Q4: Artificial Intelligence)
- **Associate Editor**, International Journal of Innovative Teaching and Learning in Higher Education (IJITLHE), IGI Global, USA
- **Associate Editor**, International Journal of Information Security and Privacy (IJISP), IGI-Global, USA (Scopus, ESCI, ABDC-C)
- **Associate Editor**, International Journal of Information Security and Privacy (IJISP), IGI-Global, USA (Scopus, ESCI, ABDC-C)
- **Regional Editor (India)**, International Journal of Forensic Software Engineering (IJFSE)- Inderscience publishers, USA
- **Review Editor**, Frontiers in Psychology - Educational Psychology Section (Scopus Q1, SSCI IF 2.99)
- **Peer Reviewer** –
 - IEEE Transactions on Education, Indexing: Scopus Q1 (Cite score – 5.5, SJR-0.877, SNIP-2.264), SCI (Impact factor-1.855, Influence score-0.336)

- Springer International Journal of Educational Technology in Higher Education, Indexing: Scopus (Cite score –5.6, SJR-1.066, SNIP- 2.895), SSCI (Impact factor-3.08)
- Springer Educational Technology Research and Development, Indexing: Scopus (Cite score –5.5, SJR-1.321, SNIP- 2.194), SSCI (Impact factor-2.303)
- Springer Education and Information Technologies, Indexing: Scopus (Cite score –3.6, SJR-0.782, SNIP-1.527), SSCI
- Springer International Journal of Data Science and Analytics, Indexing: Scopus (Cite score: 3.6), ESCI
- Eurasia Journal of Mathematics, Science and Technology Education, Indexing: Scopus (Cite score: 3.01, Q2)
- Emerald Journal of Applied Research in Higher Education, Indexing: Scopus (Cite score – 1.2), Emerging Source Citation Indexed
- International Journal of Engineering Pedagogy (Invited Peer reviewer), Indexing: Scopus Cite score: 1.5, SJR- 0.346, SNIP- 0.431
- Advances in Science, Technology and Engineering Systems, Indexing: Scopus (Cite score –0.6, SJR-0.14, SNIP- 2.895)
- Learning and Teaching in Higher Education: Gulf Perspectives, Emerald publications, Indexing: Scopus, ESCI
- Journal of Engineering Science and Technology (JESTEC), Taylor’s University, Indexing: Scopus Q2 (SJR-0.24), ESCI
- Journal of Real-time Image Processing, Springer, Indexing: Scopus (Cite score- 4.2 SJR – 0.445), SCI-E (Impact factor- 1.968)
- World Journal of Engineering, Emerald, Indexing: Scopus (Cite score – 1.2), ESCI
- SN Computer Science, Springer
- BMC Psychology (Scopus, ESCI)
- International Advisory Board Member, Scientific Innovation Research Group (SIRG), Egypt
- Board of Studies (BoS) Member, Patkar-Varde Autonomous Institute (A Constituent of the University of Mumbai), to structure the curriculum of B.Sc and M.Sc in Information Technology Programs.

Awards:

- Review Excellence Award 2021 from Springer’s Educational Technology Research and Development (ETR&D) Journal (Scopus Q1, SSCI IF 4.5) Felicitated in AECT 2021, Chicago, USA
- Best Reviewer Award from Asia-Pacific’s Flagship conference TALE 2020, IEEE Education Society.
- Appreciation Award for Best Faculty, NMIMS University, India
- Best Young Researcher (Below 40 years) Award by GSIR Foundation, India in IARE Awards- 2019 and 2021, New Delhi, India
- Special Award in Education, S.K.S. Sangh (2017 and 2019), Mumbai
- Best Research Paper Award, VCMT-2015, Multidisciplinary conference, Mumbai

Journal Publications (Selected)

- Nigam, A., Pasricha, R., Singh, T., & Churi, P. (2021). A Systematic Review on AI-based Proctoring Systems: Past, Present and Future. Education and Information Technologies, 1-25 (Scopus Q1, SSCI IF -2.91)

- Singh, R., Timbadia, D., Kapoor, V., Reddy, R., Churi, P., & Pimple, O. (2021). Question paper generation through progressive model and difficulty calculation on the Promexa Mobile Application. *Education and Information Technologies*, 1-29 (**Scopus Q1, SSCI IF -2.91**)
- Churi, Prathamesh; Pawar, Ambika; Abdulmuhsin, Amir, Perception of Privacy issues and awareness in healthcare Knowledge Management Systems: Empirical Study in Indian Healthcare Context, *International Journal of Organizational Analysis*, Emerald (**Scopus Q2, ABDC- B, ESCI**)
- Miranda-Calle, J. D., Reddy, V., Dhawan, P., & Churi, P. (2021). Exploratory data analysis for cybersecurity. *World Journal of Engineering* (**Scopus Q3, ESCI**)
- Gupta, Rhea; Dharadhar, Sara; churi, Prathamesh, CloudJS: Novel Cloud-based Design Framework for text-file encryption, *Emerald World Journal of Engineering*, 10.1108/WJE-04-2021-0234 (**Scopus Q3, ESCI**)
- Muhammad Mujtaba Asad, Kanwal Aftab, Fahad Sherwani, fahad sherwani, Prathamesh Churi, Antonio-José Moreno-Guerrero Bahar Pourshahian (2021),Techno-Pedagogical Skills for 21st Century Digital Classrooms: An Extensive Literature Review, *Hindawi Education Research International* (**Scopus Q3, ESCI**)
- Muhammad Mujtaba Asad, Aisha Naz, Prathamesh Churi, Mohammad Mehdi Tahanzadeh (2021), Virtual Reality as Pedagogical Tool to Enhance Experiential Learning: A Systematic Literature, *Hindawi Education Research International* (**Scopus Q3, ESCI**)
- Varma, R., Verma, Y., Vijayvargiya, P., & Churi, P. P. (2021). A systematic survey on deep learning and machine learning approaches of fake news detection in the pre-and post-COVID-19 pandemic. *International Journal of Intelligent Computing and Cybernetics* (**Scopus Q2, ESCI**)
- Churi, P., Pawar, A., & Moreno-Guerrero, A. J. (2021). A comprehensive survey on data utility and privacy: Taking Indian healthcare system as a potential case study. *Inventions*, 6(3), 45. (**Scopus Q1, ESCI**)
- Garg, T., Kagalwalla, N., Puthran, S., Churi, P., & Pawar, A. (2021). A novel approach of privacy-preserving data sharing system through data-tagging with role-based access control. *World Journal of Engineering* (**Scopus Q3, ESCI**)
- Niaz, A., Asad, M. M., Abdulmuhsin, A. A., Shavanov, M., & Churi, P. (2021). Risk factors for the rice crop farming community in China: a documentary analysis of the challenges during post COVID-19. *Asian Education and Development Studies*. (**Scopus Q3, ESCI**)
- Reddy, R., Singh, R., Kapoor, V., & Churi, P. (2020). Joy of Learning Through Internet Memes. *International Journal of Engineering Pedagogy*, 10(5) (**Scopus Q3, ESCI**)

Conference Publication: (Selected)

- Churi, P. P., Ghate, V., & Ghag, K. (2015, November). Jumbling-Salting: An improvised approach for password encryption. In *2015 International Conference on Science and Technology (TICST)* (pp. 236-242). IEEE.
- Churi, P. P., Wagh, S., Kalelkar, D., & Kalelkar, M. (2016, March). Model-view-controller pattern in BI dashboards: Designing best practices. In *2016 3rd International Conference on Computing for Sustainable Global Development (INDIACom)* (pp. 2082-2086). IEEE.
- Churi, P., Mistry, K., Dhruv, A., & Wagh, S. (2016, December). Alchemizing Education System By Developing 5 Layered Outcome Based Engineering Education (OBEE) Model. In *2016 IEEE 4th International Conference on MOOCs, Innovation, and Technology in Education (MITE)* (pp. 338-345). IEEE.

- Pawar, A., Ahirrao, S., & Churi, P. P. (2018, November). Anonymization techniques for protecting privacy: A survey. In 2018 IEEE Punecon (pp. 1-6). IEEE.
- Kagalwalla, N., & Churi, P. P. (2019, September). Cybersecurity in Aviation: An Intrinsic Review. In 2019 5th International Conference on Computing, Communication, Control And Automation (ICCUBEA) (pp. 1-6). IEEE.
- Kagalwalla, N., & Churi, P. P. (2019, September). Cybersecurity in Aviation: An Intrinsic Review. In 2019 5th International Conference on Computing, Communication, Control And Automation (ICCUBEA) (pp. 1-6). IEEE.

Books

- Dr. Ahmed Elngar, Dr. Ambika Pawar, Prathamesh Churi, Data Protection and Privacy in Healthcare: Research and Innovations", CRC Press, Taylor and Francis LLC, ISBN Number: 978-0-367-50108-2
- Prathamesh Churi, Dr. Vishal Kumar, Dr. N T Rao, Dr. Utku Kose, Technology and Tools in Engineering Education: Research and Innovations, CRC Press, Taylor and Francis LLC, ISBN Number: 978-0-367-60774-6
- Dr. Asad, Dr. Sherwani, Dr. Hassan, and Prof. Churi, Innovative Education Technologies for 21st Teaching and Learning, CRC Press, Taylor and Francis LLC, ISBN Number: 978-0-367-69904-8
- Prof. Churi, Dr. Joshi, Dr. Elhoseny, Dr. Omrane, Artificial Intelligence in Higher Education: A Practical Approach CRC Press, Taylor and Francis LLC, ISBN Number: 978-1-032-02606-0

Copyrights and Patents

- Indian Patent: Lightweight Vehicle to Infrastructure Message Verification Method for VANET, (Patent number - 202021032638), Filed: July 30,2020, Status: Published
- Australian Patent: Privacy-preserving Authentication and Key Management Protocol for Health Information System (Patent number: 2021101195), Status: Granted (March 7, 2021)
- Patent: Method for predicting disease using machine learning (Patent number- 202011032563), Filed: July 29, 2020, Status: Published
- Patent: Crusher Apparatus for Decomposable Goods (Patent number-332466-001), Filed: August 28,2020, Status: Published
- International Patent (Australia): Privacy-preserving Authentication and Key Management Protocol for Health Information System (Patent number: 2021101195), Status: Granted (March 7, 2021)

Research Collaboration and Consultancy:

- Cerebranium LLC, Germany, Educational Transformation through Promexa Application.

Academic Profiles:

- Google Scholar: <https://scholar.google.com/citations?user=i748Z2AAAAAJ&hl=en>
- ORCID: <https://orcid.org/0000-0002-1732-1703>
- Research Gate: <https://www.researchgate.net/profile/Prathamesh-Churi>
- Linked In: <https://www.linkedin.com/in/prathameshchuri/>
- Publons: <https://publons.com/researcher/3108737/prathamesh-churi/>
- Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57188831747>