PROFILE

Name	Dr Shreekanth Mooroor Prabhu
Position & Affiliation	Professor and Head of the Department
Areas of Interest	Information Management, Social Networks, E-Governance, Artificial Intelligence/Machine Learning, Linguistics, Blockchain
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Professional Webpage (if any)	

Educational Qualifications:

Ph.D	VTU	India	2020
M.Tech	IIT Bombay	India	1986
B.Tech	IIT Bombay	India	2004

Areas of Research:

Information Management, Social Networks, E-Governance, Artificial Intelligence/Machine Learning, Linguistics, Blockchain

Brief Profile: (write about yourself)

Dr. Shreekanth M. Prabhu received his B Tech degree in Metallurgical Engineering in 1984 followed by M Tech degree in Computer Science and Engineering in 1986, both from IIT Bombay and Ph. D from Visvesvaraya Technological University (VTU) in 2020. He worked in IT Industry for 25 years between 1986-2011. His career spanned IT majors such as TCS, IBM and HP as well as a startup, during which he held many leadership positions. Then he joined the academia and served at PES Institute of Technology/PES University, Bengaluru between 2011 and 2019. In addition to academic roles, he headed strategic initiatives such as TEQIP and Industry/Academia Connect. This Is followed by his tenure with CMRIT Bengaluru, during which he headed Information Systems and Engineering department between 2020 and 2021 and Computer Science and Engineering Department between 2021 and 2024. Here he headed Industry-connect and contributed to Innovation and Entrepreneurship, Research Committee and NAAC accreditation readiness.

His research interests include Information Management, E-Governance, Social Networks, AI and Machine Learning as well as applying technology to better understand Economics and Linguistics. He has also written many articles in the field of Governance; Strategy and Education. He is working with Cambridge Institute of Technology as Professor and Head of the Department (Computer Science and Engineering from June 2024.

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Awards/Achievements/Others:

Courses Taught:

Graph Theory, Software Engineering and Project Management

Publications/Patents:

Publications	1. Prabhu, S.M., Subramanyam, N., Jagadishwari, V. (2024). Enhancing Citizen Satisfaction Using Citizen-Facing Process Mining. In: Gaie, C., Mehta, M. (eds) Transforming Public Services—Combining Data and Algorithms to Fulfil Citizen's Expectations. Intelligent Systems Reference Library, vol 252. Springer, Cham. https://doi.org/10.1007/978-3-031-55575-6_2 2. SM **Prabhu**, N Subramanyam, Analysis of India's agricultural ecosystem using knowledge-based Tantra framework, - CSI Transactions on ICT, 2023 – Springer 3. Gopalapillai, R., Prabhu, S.M. (2023). Prediction of COVID-19 Pandemic Spread Using Graph Neural Networks. In: Kumar, S., Sharma, H., Balachandran, K., Kim, J.H., Bansal, J.C. (eds) Third Congress on Intelligent Systems. CIS 2022. Lecture Notes in Networks and Systems, vol 613. Springer, Singapore. https://doi.org/10.1007/978-981-19-9379-4_5 4. Shreekanth M Prabhu & Raja M, New Architecture to facilitate the expansion of E-Government, Artificial Intelligence-Enhanced Software and Systems Engineering, February 25, 2023, https://link.springer.com/chapter/10.1007/978-3-031-22408-9_3 5. Girdhar, R., Nayak, P.S., Prabhu, S.M. (2022). Linguistic Classification Using Instance-Based Learning. In: Saraswat, M., Sharma, H., Balachandran, K., Kim, J.H., Bansal, J.C. (eds) Congress on Intelligent Systems. Lecture Notes on Data Engineering and Communications Technologies, vol 111. Springer, Singapore. https://doi.org/10.1007/978-981-16-9113-3_63 6. Prabhu S.M., Subramanyam N. (2021) Framework and Model for Surveillance of COVID-19 Pandemic. In: Kumar S., Purohit S.D., Hiranwal S., Prasad M. (eds) Proceedings of International Conference on Communication and Computational Technologies. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-16-3246-4_30 7. Prabhu S.M., Subramaniam N. (2021) Transforming India's Social Sector Using Ontology-Based Tantra Framework. In: Kaiser M.S., Xie J., Rathore V.S. (eds) Information and Communication Technology for Competitive Strategies (ICTCS 2020).

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8. Shreekanth M. Prabhu,, Natarajan Subramanyam and Rhythm Girdhar, Containing COVID-19 Pandemic using Community Detection, 2021 *J. Phys.: Conf. Ser.* 1797 012008 https://iopscience.iop.org/article/10.1088/1742-6596/1797/1/012008/meta
9. Shreekanth Prabhu, K. N. Balasubramanya Murthy and Subramanyam Natarajan, Identity Management using Ontology-based Tantra Framework, September 2020, https://ieeexplore.ieee.org/document/9197922
10. Prabhu, Shreekanth, Murthy, K. N. Balasubramanya and Natarajan, Subramanyam, "Balanced Growth using Ontology-based Tantra Good Governance Framework", SRELS Journal of Information Management, August 2019. http://www.srels.org/index.php/sjim/article/view/139518
11. Shreekanth Prabhu, K. N. Balasubramanya Murthy and Subramanyam Natarajan, "Validating Tantra Framework using Entropy", Social Network Analysis and Mining, April 2019. https://link.springer.com/article/10.1007/s13278-019-0562-1
12. Shreekanth Prabhu, K. N. Balasubramanya Murthy and Subramanyam Natarajan, "Intelligent Social Banking using Tantra Framework", April 2019, https://ieeexplore.ieee.org/document/8701399
13. Shreekanth Prabhu, K. N. Balasubramanya Murthy and Subramanyam Natarajan, "Transforming Electoral Democracy using Tanta Framework Journal of CSI transactions on ICT, January 2019. https://link.springer.com/article/10.1007/s40012-019-00220-3
14. Shreekanth Prabhu, K. N. Balasubramanya Murthy and Subramanyam Natarajan, "Balanced Development using Ontology-based Tantra Framework", SRELS Journal of Information Management, February 2019. http://www.srels.org/index.php/sjim/article/view/139518
15. Shreekanth Prabhu, K. N. Balasubramanya Murthy and Subramanyam Natarajan, "Knowledge Management using Ontology based Tantra Framework for Good Governance", SRELS journal of information management, December 2018. http://www.srels.org/index.php/sjim/article/view/137988/99138
16. Shreekanth Prabhu, K. N. Balasubramanya Murthy and Subramanyam Natarajan, "Revenue Capture using Ontology-based Tantra Framework", International Journal of Management, Technology and Engineering, Volume 8, Issue no.3, December 2018 (ISSN No. 2249-7455 http://ijamtes.org/gallery/170-dec.pdf)
17. Shreekanth Prabhu "Information Management Framework for Good Governance", presented in ADCOM 2017, held on September 9-10, 2017 at IIIT Bangalore. IEEE xplore, April 2019, https://ieeexplore.ieee.org/document/8691936
18. Kavithakala C., Shreekanth Prabhu "Application of Community Detection algorithms in E-Governance" in Journal of Basic and Applied Engineering Research (JABER), Volume 2, No.13, April-June 2015.
19. Shreekanth Prabhu, "Good Governance Model", 2017, https://www.researchgate.net/publication/325544499_Good_Governance_Model
    Here 7-layer Good Governance Model is proposed Starting from Strategy and

	Competitiveness on one end and Empowerment and Core Governance at other. 20. Shreekanth Prabhu, "Evolving a Framework to interpret the Vedas", https://www.researchgate.net/publication/325544909_Evolving_a_Framework_to_interpret_the_Vedas Shreekanth Prabhu and Devendra Chauhan, "Blockchain Prototype for E-Governance", https://www.researchgate.net/publication/325545523_Blockchain_Prototype_for_E-Governance_CHAPTER-1
Patents	***Granted:*** 1. US Patent #6729699 Invocation Map Based Architecture for Program Execution for the invention during my stint with IBM, filed June 2000 2. Indian Patent #547177 Differential Computing Machine, application no 202241052390 filed September 2022. Co-inventor Dr Sugato Chakrabarti 3. Indian Patent #547240 SYSTEM AND METHOD FOR IMPLEMENTING SECURE IDENTITY AND TRANSACTION NETWORK, application no 202141012870, filed March 2021 4. Indian Patent #550591 SYSTEM AND METHOD TO SECURE ONE TIME PASSWORDS, application no 202141055300, filed on November 29, 2021 5. Indian Patent #553663 SYSTEM AND METHODS FOR DESIGNING AND OPERATING COLLABORATIVE DISINTERMEDIATED FILE SYSTEMS, application no 202041039878 filed on September 15, 2020. ***Indian Patent Applications under examination*** 1. 201941044512 titled "A system and method for implementing a persistent data structure in a decentralized currency system" published on December 21, 2019 2. 202041020059 titled "A system and method for implementing secure voting in a digital voting system" filed on May 12, 2020 3. 202041027377 titled "A System and Methods for Designing Social Information File Systems" filed on June 26, 2020 4. 202041045797 titled " System and Method for Implementing Trusted Digital Payment Platform" filed on October 21, 2020 5. 202141001937 titled "System and Methods for Designing Intelligent Digital Social Surveillance System for Containment of Infectious Diseases" filed on January 15, 2021 6. 202241023113, Novel Architecture for Self-Managed E-mail filed on April 19, 2022 7. 20234105197 Stateless Digital Currency System filed on March 7,2023 8. 202341021777, A compact way to efficiently represent, model and work with certain combinatorial problems and present possible solutions to them filed on March 27,2023. 9. 202341024102 Dedicated device to read hyperlinks. filed on April 7, 2023. 10. 202341026997 Novel Print System with Intelligent Intermediation filed on April 12, 2023 11. 202341034028 Twin File Store, filed on May 15, 2023

	12. Indian Patent Application no. 202341071975, Universal Phonetic Map-based Lexicon on October 20, 2023.
Book/Book Chapters	

Research and Consultancy: