P.E.S. College of Engineering, Mandya - 571401
(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	Dr. Vinay S	
Designation,	Professor and Training & Placement Officer	
Department & Affiliated Institution	Department of Computer Science and Engineering, P.E.S College of Engineering, Mandya – 571 401	
Research Area	Machine Learning, Software Engineering	
Contact Number	+91 9986515835	
Email ID	vinay@pesce.ac.in ; vinaymanyan@gmail.com	

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	MIT, Manipal	Manipal University	2015	-	-
M. Tech	SJCE, Mysore	VTU	2006	86	FCD (2nd rank)
B. E	PESCE, Mandya	VTU	2002	76.84	FCD

Professional Experience

Organization and Department	Designation	Period	Total Experience
NMAMIT, Nitte (ISE/ CSE)	Lecturer, Senior Lecturer, Assistant Professor	23/10/2002 to 30/11/2012	10 years 1 month
PESITM, Shivamogga (CSE)	Associate Professor, Professor and Head	3/12/2012 to 20/6/2017	4 years 7 months
PESCE, Mandya (CSE/ISE)	Professor and Head, ISE Currently Professor, CSE and Training & Placement Officer	22/6/2017 to till date	4 years 3 months (as on Aug 2021)

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	Undergraduate: Machine Learning, Artificial Intelligence, Object oriented concepts with Java, Theory of Computation, Unix and Shell Programming, Data Communications, Object Oriented Programming with C++, Object Oriented Modeling and Design, Software Engineering, Data Structures, Game Theory, Algorithm Design and Analysis, Multimedia Computing, C# and .NET Technologies, Software Testing, Operations Research Post Graduate (M. Tech): Game Theory, Software Engineering, Advanced Algorithms, Object Oriented Modeling and Design, Advanced Database Management System, Advanced Data Structures.

Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M.Sc., Engg.	M.Phil
Awarded	Nil	Nil	Nil
Pursuing	06	Nil	Nil

Sponsored Research Projects (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
Artificial Intelligence and Machine Learning Lab	AICTE	Rs 7.45 lakh	Rs 7.45 lakh
New Age Incubation Network	Karnataka State Government	Rs 35 lak	Yet to receive
Nokia Mobile Innovation Lab	Nokia University relations, Finland	Rs 4.18 lakh	Rs 4.18 lakh

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	International	National
Journals	12	Nil
Conferences/Symposia	14	Nil

Other Important Responsibilities Held in the College	
1. Training and Placement Officer 2. Nodal Officer, ARIIA Ranking	3. Convenor, MSME approved Business Incubator

LIST OF PUBLICATIONS

JOURNALS

1. Arjun U and Vinay S, Outsourced Auditing With Data Integrity Verification Scheme (OA-DIV) and Dynamic Operations for Cloud Data with Multi-Copies, EAI Endorsed Transactions on Cloud Systems, volume=7, number=20, 2021, DOI: 10.4108/eai.27-4-2021.169423 https://eudl.eu/doi/10.4108/eai.27-4-2021.169423

2. Mohith Gowda HR, Adithya MV, Gunesh Prasad S & Vinay S, Development of anti-phishing browser based on random forest and rule of extraction framework, , Springer Cybersecurity Journal, Volume 3, Article number: 20 (2020) https://cybersecurity.springeropen.com/articles/10.1186/s42400-020-00059-1 ISSN 2096-4862, DOI https://doi.org/10.1186/s42400-020-00059-1

3. Apoorva M G & Vinay S, A Credibility Analysis System for Assessing Information on Social Media, INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET) E-ISSN: 2395-0056, VOLUME: 07 ISSUE: 05 | MAY 2020, PP 4136-4142 https://irjet.net/archives/V7/i5/IRJET-V7I5791.pdf

4. Arjun U & Vinay S, ID-based Public Audit Protocol to Check Data Integrity with Privacy Preservation and Cloud Batch Audit, TEST Journal(Scopus Indexed), Vol. 82: Jan/Feb 2020, Page No. 15034-38, ISSN: 0193-4120 http://www.testmagzine.biz/index.php/testmagzine/article/view/3214

5. Deepthi and Vinay S, A Data Mining Approach for Money Laundering Detection, International Journal for Research in Engineering Application & Management (IJREAM), ISSN : 2454-9150 Vol-05, Issue-02, May 2019, pp 522-525

6. Sunil M E, Vinay S & Ramakrishna Vaidya, A comparative study on Supervised Learning methods, International Journal of Emerging Technologies and Innovative Research, ISSN:2349-5162, Vol.6, Issue 5, page no.29-34, May-2019

7. Arjun U & Vinay S, A Review on Remote Data Auditing in Cloud Computing, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), Vol 5, Issue 4, April 2018, pp: 6-11

8. Arjun U & Vinay S, Data Security Issues in Cloud Computing, Journal of Network Security Computer Networks, Volume 1 Issue 3 (2015), pp 1-8 http://matjournals.in/index.php/JONSCN/issue/view/66

9. Vinay S, Sridhar Aithal & Sudhakara Adiga, Integrating Goals after Prioritization and Evaluation – A Goal-oriented Requirements Engineering method, International Journal of

Software Engineering and Applications (IJSEA), Vol.5, No.6, November 2014, 55-74 http://airccse.org/journal/ijsea/papers/5614ijsea04.pdf

10. Arjun U & Vinay S, NHIS - An Approach to Privacy Preservation of Health Care Records in Cloud Computing Environment, International Journal on Computer Applications Proceedings on International Conference on Information and Communication Technologies, 2014, pp 34-37, ISSN 0975 – 8887 http://research.ijcaonline.org/icict/number6/icict1470.pdf

11. Vinay S, Sridhar Aithal & Sudhakara Adiga, Integrating TOPSIS and AHP into GORE Decision Support System, International Journal of Computer Applications IJCA, Volume 56–No.17, October 2012 http://research.ijcaonline.org/volume56/number17/pxc3883216.pdf

12. Vinay S, Shridhar Aithal & Niha Noor Sheik, The Design of a Smart Stick prototype using Goal Oriented Requirements Engineering Methodology, International Journal of Computer Applications, No. 29 Article 5.,pp 31-35, Vol 1, 2010 http://www.ijcaonline.org/archives/number29/578-750

INTERNATIONAL CONFERENCES

13. Amogh Babu K A, Vinay S (2020). Biomedical Lung Image Segmentation Using CNN. 2020 IEEE International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, India, 2020, pp. 1-4, doi: 10.1109/ICCCI48352.2020.9104115 https://ieeexplore.ieee.org/document/9104115

14. Chethan G S, Vinay S (2019). Virtual Map-Based Approach to Optimize Storage and Perform Analytical Operation on Educational Big Data. Emerging Research in Electronics, Computer Science and Technology. Lecture Notes in Electrical Engineering, vol 545. April 2019 Springer, Singapore, pp 401-412 https://link.springer.com/chapter/10.1007/978-981-13-5802-9_37

15. Arjun U, Vinay S (2019). An Efficient Public Auditing Method with Periodic Verification for Data Integrity in Cloud. Emerging Research in Electronics, Computer Science and Technology. Lecture Notes in Electrical Engineering, vol 545. April 2019 Springer, Singapore, pp 285-291 https://link.springer.com/chapter/10.1007/978-981-13-5802-9_27

16. Pratibha S, Vinay S (2017). Machine Learning Approach for Anomaly Detection in Cloud – A Review, International Symposium on Cloud Computing and Data Analytics (ISCCDA 17), March 2017

17. Arjun U, Vinay S (2016). A Review on Data Security and Privacy Issues in Cloud Computing, IEEE International Conference On Current Trends In Advanced Computing (ICCTAC), Feb 2016 http://ieeexplore.ieee.org/document/7567341/

18. Vinay S, Sridhar Aithal, Sudhakara Adiga (2014). Combining Quantitative and Qualitative Criteria in Evaluating Systems - A Goal Driven Approach. International Conference on Contemporary computing and Informatics, Nov 2014

19. Vinay S, Sridhar Aithal, Sudhakara Adiga (2014). Effect of Contribution Links on Choosing Hard Goals in GORE using AHP and TOPSIS. Proceedings of International Conference, ICERECT 2012, Series: Lecture Notes in Electrical Engineering, Volume 248, 2014, pp 737-745 http://www.springer.com/engineering/electronics/book/978-81-322-1156-3

20. Vinay S, Sridhar Aithal, Sudhakara Adiga (2012). A Quantitative Approach Using Goal-Oriented Requirements Engineering Methodology and Analytic Hierarchy Process in Selecting the Best Alternative. Proceedings of International Conference on Advances in Computing, Springer Advances in Intelligent Systems and Computing Volume 174, 2012, pp 441-454 http://link.springer.com/chapter/10.1007/978-81-322-0740-5_54

21. Vinay S, Sridhar Aithal, Sudhakara Adiga (2011). Integrating Software Quality Function Deployment into Goal Oriented Requirements Engineering for Decision Support. 2nd International Conference on Current Trends in Technology , Ahmedabad, Dec 2011

22. Vinay S, Sridhar Aithal, Sudhakara Adiga (2011). A Goal-Oriented Requirements Engineering Method for Analysing Conflicts. International Conference on Computer Architecture, Networking and Applications (ICANA-11), Nitte, Jan 2011

23. Vinay S, Shridhar Aithal, Prashanth Desai (2009). Towards Automation of Use Case driven Requirements Analysis. IAENG International Conference on software Engineering, Hong Kong, March 2009 http://www.iaeng.org/publication/IMECS2009/IMECS2009_pp1080-1085.pdf

24. Ashok Kumar A, Niranjan Chiplunkar, Vinay S (2009). Detailed Router for 3D FPGA using Sequential and Simultaneous Approach, IAENG International Conference on Electrical Engineering, Hong Kong, March 2009 http://www.iaeng.org/publication/IMECS2009/IMECS2009_pp1407-1411.pdf

25. Vinay S, Shridhar Aithal, Prashanth Desai (2009). An NLP based Requirements Analysis Tool, IEEE - International Advance Computing Conference, Thapar Uiversity, Patiala, Punjab, March 2009.

26. Vinay S, Shridhar Aithal, Prashanth Desai (2009). Towards automation of Use case driven requirements analysis - An Open Source Tool, International Conference on open source computing (INCOSC), NMAMIT, Nitte, Dec 2008.