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

Faculty Profile

General

Name	*Dr. H. P. Mohan Kumar*
Designation,	*Professor & Head*
Department & Affiliated Institution	*Department of Master of Computer Applications (MCA), P.E.S College of Engineering, Mandya – 571 401*
esearch Area	Computer vision
Contact Number	+91 9448554113
Email ID	mohanhallegere@gmail.com

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph.D	Dept. of Computer Science, University of Mysore.	University of Mysore	2015	Awarded	
M.Sc (Tech)	PET Research Centre	University of Mysore	2009	69	First Class
MCA	PESCE, Mandya.	University of Mysore	1998	63	First Class

Professional Experience

Organization and Department	Designation	Period	Total Experience
PESCE, Mandya, Dept of MCA	Professor & HOD	01/04/2015 - till date	5 Years
PESCE, Mandya, Dept of MCA	Assistant Professor	15/05/2007 - 31/03/2015	8 Years
PESCE, Mandya, Dept of MCA	Lecturer	22/09/2000 - 14/05/2007	7 Years

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	Programming Languages, Operating System, Data Mining, Computer Organization, Business Data Processing Using COBOL, Client Server, Advanced Operating System, Data Structures, Multimedia Systems, DBMS, Communication Management, Web Programming, Programming With Java, Algorithms, Artificial intelligence, MAD.

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	*03*	*Nil*	*Nil*

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

Projects Applied

Applied Karnataka Fund for Infrastructure Strengthening in Science & Technology (K-FIST)
Amount : 15,00,000/-
Applied for AICTE MODROB
Amount : 16,00,000/-

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	--	*17*
Conferences/Symposia	*01*	*04*

Other Important Responsibilities Held in the College

1. *Head of the department of MCA* 2. *BOS Chairman*	4. *Conduction of workshops, Technical Talks, Webinar etc.*

LIST OF PUBLICATIONS

List of International Journals

1. Swathi H C, H P Mohan Kumar. (2020). Secure Bank Transaction Using Blockchain. International Research Journal of Engineering and Technology (IRJET). ISSN: 2395-0056, Vol. 7, Issue 8, pp. 2395-2397.

2. Dhanuja K C, Hitaishe Datta B, Harshitha R and Mohan Kumar H P. 2020. Sky Shield: A Sketch-Based Safeguarding Opposed to Application Layer DDoS Attacks. International Journal of Engineering Research and Technology (IJERT). ISSN : 2321-0869, Vol 10, Issue 2, pp. 12-15.

3. Rashmi K, H P Mohan Kumar. (2019). Block Design Key for Secure Data sharing in Cloud Computing. International Journal of Scientific Research in Computer Science and Information Technology. ISSN: 2456-3307, Vol. 5, Issue 3, pp. 369-374.

4. Kiran Dikshit Menon A, H P Mohan Kumar. (2019). Secure Paper Publication Using Data Mining. International Journal for Engineering Science and computing. ISSN: 2250, Vol. 9, Issue 5, pp. 22516-22519.

5. Pradeepa M, H P Mohan Kumar. (2018). Face Detection and Recognition for Automatic Attendance System Using Artificial Intelligence Concept. International Journal for Engineering Science and computing. ISSN: 2321-3361, Vol 8, Issue 5, pp. 17727-17730.

6. Darshan Kumar G B, H P Mohan Kumar. (2018). Online Verification of Caste Certificate. International Journal of Scientific Research in Computer Science, Engineering and Information Technology. ISSN: 405-409, Vol. 3, Issue 5, pp. 847-850.

7. Rochana G S, H P Mohan Kumar. (2018). Integrated Utility System. International Journal of Scientific Research in Computer Science, Engineering and Information Technology. ISSN: 2456-3307, Vol. 3, Issue 5, pp. 977-979.

8. Mouneshwara, H P Mohan Kumar. (2017). Decentralised Disruption Tolerant Military Network. International Journal of Scientific Research in Computer Science, Engineering and Information Technology. ISSN: 2456-3307, Vol. 2, Issue 3, pp. 847-850.

9. Spoorthi, H P Mohan Kumar. (2017). A Probabilistic Approach for Identifying Faulty Node in Mobile Wireless Network. International Journal for Science and Advance Research In Technolog. ISSN: 2395-1052, Vol. 3, Issue 6, pp. 2395-1052.

10. Maithra Shree R, H P Mohan Kumar (2017). Bus Arrival Time Prediction System Based on Participatory Sensing With Smart Phone. International Journal for Engineering Science and computing. ISSN: 2321-3361, Vol. 7, Issue 6, pp. 13133-13136.

11. Darshan K, Mohan Kumar H P. (2016). Advance Entity Linking with a Knowledge Base. International Journal of Engineering & Computer Science. ISSN: 2319-7242, Vol. 5, Issue 6, pp. 17013-17016.

12. Avinash, Mohan Kumar H P. (2016). Design and Implementation of Email Templates for mailbox provider. International Journal of Combined Research & Development. ISSN: 2321-2241, Vol. 5, Issue 6, pp. 726-728.

13. Shreevalli P, Mohan Kumar H P. (2016). An Efficient Technique to find out Origin Fraudulence and Packet Discard Attacks in Sensor Network. International Journal of Engineering and Technical Research. ISSN: 2454-4698, Vol. 5, Issue 2, pp. 55-58.

14. Mohan Kumar H P, Nagendraswamy H S. (2014). Fusion of silhouette based gait features for gait Recognition. International Journal of Engineering & Technical Research. ISSN: 2321-0869, Vol. 2, Issue 8, pp. 101-107.

15. Mohan Kumar H P, Nagendraswamy H S. (2014). Symbolic Representation and Recognition of Gait: An Approach based on LBP of split Gait Energy Images. Signal and Image Processing: An International Journal. Vol. 5, Issue 4, pp. 15-28.

16. Mohan Kumar H P, Nagendraswamy H S. (2014). Change Energy Image for Gait Recognition: An Approach based on Symbolic Representation. International Journal of Image, Graphics and Signal Processing. Vol. 6, Issue 4, pp. 1-8.

17. Mohan Kumar H P, Nagendraswamy H S. (2011). Gait Recognition Based on Symbolic Representation. International Journal of Machine Intelligence. ISSN: 0975-9166, Vol. 3, Issue 4, pp. 295-301.

List of National Conference

1. Mohan Kumar H P. (2020). Governing Software Process. Two day National level Conference on Current Trends in e-Governance organized by Department of Computer Science and Commerce and Management, Govt. College (Autonomous), Mandya in association with Centre for e-Governance, Bengaluru on 15th & 16th February 2020.

List of International Conferences

1. Vishwas Prakash R, H P Mohan Kumar "Fingerprint Liveness Detection by a Testing and Trained Data using Convolutional Neural Network", 1st National Conference on Emerging Trends in Engineering Science for Future Technology (NCETESFT-2020), held at Sri Siddhartha Institute of Technology on August 5th 2020.

2. Mohan Kumar H P, Nagendraswamy H S. (2014). LBP for Gait Recognition: A Symbolic Approach Based on GEI plus RBL of GEI. 978-1-4799-2321-2/14 IEEE.

3. Mohan Kumar H P, Nagendraswamy H S. (2013). Gait Recognition: An Approach Based on Interval Valued Features. 978-1-4673-2906-4/13 IEEE.

4. Mohan Kumar H P, Murali S. (2009). Handwritten Document Compression, Proceedings of the Second International Conference on Signal and Image Processing.