



P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	Dr. Mohan Kumar H P
Designation,	<i>Professor & Head</i>
Address for communication	Department of MCA, P.E.S College of Engineering, Mandya – 571 401
Research Area	Computer vision, Machine Learning
Contact Number	+91 9448554113
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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	6 Years
	Assistant Professor	15/05/2007 - 31/03/2015	8 Years
	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, Machine Learning, Mobile Application Development.
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Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M.Sc., Engg.	M.Phil
Awarded	<i>Nil</i>	<i>Nil</i>	<i>Nil</i>
Pursuing	<i>03</i>	<i>Nil</i>	<i>Nil</i>

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

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
Papers in Refereed Journals (No.)	--	17
Papers at Conferences (No.)	01	04
Other Important Responsibilities Held in the College		
1. Head of the department from 2011 to till date	2. BOS Chairperson	

LIST OF PUBLICATIONS

List of International Journals

1. Swathi H C, H P Mohan Kumar, “Secure Bank Transaction Using Blockchain”, International Research Journal of Engineering and Technology (IRJET), Volume 7, Issue 8, ISSN: 2395-0056, pp. 2395-2397. August 2020.
2. Vishwas Prakash. R and Mohan Kumar H P, “ Fingerprint Liveness Detection by a Testing and Trained Data using Convolutional Neural Network”, International Journal of Engineering Research and Technology (IJERT), Volume 8, Issue 14, ISSN : 2278-0181, pp: 107-109, special issue 2020.
3. Dhanuja K C, Hitaishe Datta B, Harshitha R and Mohan Kumar H P, “ Sky Shield: A Sketch-Based Safeguarding Opposed to Application Layer DDoS Attacks”, International Journal of Engineering Research and Technology (IJERT), Volume 10, Issue 2, ISSN : 2321-0869, pp: 12-15, February 2020.
4. Rashmi K and H P Mohan Kumar, “Block Design Key for Secure Data sharing in Cloud Computing”, International Journal of Scientific Research in Computer Science and Information Technology (IJSRCSEIT), May-June 2019, IJESC - Volume 5, Issue 3, pp: 369-374, ISSN : 2456-3307.
5. Kiran Dikshit Menon A and H P Mohan Kumar, “Secure Paper Publication Using Data Mining”, International Journal for Engineering Science and computing (IJESC), May 2019, Volume 9, Issue 5, pp: 22516-22519, ISSN : 2250-1371.
6. Pradeepa M and H P Mohan Kumar,” Face Detection and Recognition for Automatic Attendance System Using Artificial Intelligence Concept”, International Journal for Engineering Science and computing (IJESC), May 2018, Volume 8, Issue 5, pp: 17727-17730, ISSN : 2321-3361.

7. Darshan Kumar G B and H P Mohan Kumar,” Online Verification of Caste Certificate”, International Journal of Scientific Research in Computer Science, Engineering and Information Technology”, May-June 2018, IJSCSEIT - Volume 3, Issue 5, pp 847-850, ISSN: 405-409.
8. Rochana G S and H P Mohan Kumar,” Integrated Utility System”, International Journal of Scientific Research in Computer Science, Engineering and Information Technology”, May-June 2018, IJSCSEIT, Volume 3, Issue 5, pp: 977-979, ISSN: 2456-3307.
9. Mouneshwara and H P Mohan Kumar,” Decentralised Disruption Tolerant Military Network”, International Journal of Scientific Research in Computer Science, Engineering and Information Technology”, 2017, IJSCSEIT - Volume 2, Issue 3, pp: 847-850, ISSN: 2456-3307.
10. Spoorthi and H P Mohan Kumar, “A Probabilistic Approach for Identifying Faulty Node in Mobile Wireless Network”, “International Journal for Science and Advance Research In Technology”, IJSART, Volume 3, Issue 6, JUNE 2017, pp 2395-1052, ISSN: 2395-1052.
11. Maithra Shree R and H P Mohan Kumar, “Bus Arrival Time Prediction System Based on Participatory Sensing With Smart Phone”, International Journal for Engineering Science and computing”, IJESC, Volume 7, Issue 6, JUNE 2017, pp: 13133-13136, ISSN: 2321-3361.
12. Darshan K and Mohan Kumar H P, “Advance Entity Linking with a Knowledge Base”, “*International Journal of Engineering & Computer Science*”, IJECS, Volume 5, Issue 6, June 2016, pp: 17013-17016, ISSN: 2319-7242.
13. Avinash and Mohan Kumar H P, “Design and Implementation of Email Templates for mailbox provider”, International Journal of Combined Research & Development (IJCRD), Volume 5, Issue 6, June 2016, pp: 726-728, ISSN: 2321-2241.
14. Shreevalli P and Mohan Kumar H P, “An Efficient Technique to find out Origin Fraudulence and Packet Discard Attacks in Sensor Network”, “International Journal of Engineering and Technical Research (IJETR), Volume 5, Issue 2, June 2016, pp: 55-58, ISSN: 2454-4698.
15. Mohan Kumar H P and Nagendraswamy H S, “Fusion of silhouette based gait features for gait Recognition,” “*International Journal of Engineering & Technical Research*”, IJETR, Volume 02, Issue 08, August 2014, pp: 101-107, ISSN: 2321-0869.

16. Mohan Kumar H P and Nagendraswamy H S, "Symbolic Representation and Recognition of Gait: An Approach based on LBP of split Gait Energy Images," *Signal and Image Processing: An International Journal (SIPIJ)*, Volume 05, Issue 4, August 2014, pp: 15-28.
17. Mohan Kumar H P and Nagendraswamy H S, "Change Energy Image for Gait Recognition: An Approach based on Symbolic Representation," *International Journal of Image, Graphics and Signal Processing (IJIGSP)*, Volume 6, Issue 4, pp: 1-8, March 2014.
18. Mohan Kumar H P and Nagendraswamy H S, "Gait Recognition Based on Symbolic Representation," *International Journal of Machine Intelligence*, Vol. 3, Issue 4, December 2011, pp: 295-301, ISSN: 0975-9166.

List of National 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, "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. Mohan Kumar H P and 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.
2. Mohan Kumar H P and Nagendraswamy H S, 2013. Gait Recognition: An Approach Based on Interval Valued Features, 978-1-4673-2906-4/13 IEEE.
3. Mohan Kumar H P and Murali S, 2009. Handwritten Document Compression, Proceedings of the Second International Conference on Signal and Image Processing (ICSIP-2009).