




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

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	Dr. Mahesh Kaluti	
Designation,	Associate Professor & Coordinator NBA Works & AISHEE	
Department & Affiliated Institution	Department of Information Science & Engineering, P.E.S College of Engineering, Mandya – 571 401	
Research Area	Computer Networking, Machine Learning, Big Data	
Contact Number	+91 7975767665, +919924920785	
Email ID	mahesh.rkcet@gmail.com	

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	Faculty of Science & Engineering	DKNMU	2017	-	-
M. Tech	AMC College of Engineering	VTU	2010	69.72	FC

Professional Experience

Organization and Department	Designation	Period	Total Experience
P.E.S. College of Engineering, Mandya-571401, Karnataka	Associate Professor	from Jul 2017 to Till Date	04
Alva's Institute of Engineering & Technology, Moodabidir, Karnataka	Assistant Professor	from Jun 2014- Jun 2017	03
Sanjaybhai Rajguru College of Engineering, Hadmatiya-Bedi off Morbi Road, Rajkot, Gujarat	Assistant Professor	from Jun 2011- Jun 2014	03
R.K. College of Engineering and Technology, Bhavnagar Highway, Rajkot, Gujarat	Sr. Lecturer	May 2010– Jun 2011	01
PeakXV Networks Pvt Ltd Bangalore	Business Development Engineer	May 2007 to Jun 2008	01

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	<u>Undergraduate:</u> Data Communications, Machine Learning, Artificial Intelligence, Managing Big Data, Web Technologies, Computer Networking, Computer Organization, Cryptography & Network Security. <u>Post Graduate (M. Tech):</u> Machine Learning, Wireless Mobile Computing, Data Warehousing & Data Mining, Advanced Networking.
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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	Nil	Nil	Nil
Pursuing	04	Nil	Nil

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	02	03
Conferences/Symposia	06	25

Other Important Responsibilities Held in the College

1. NBA Department Coordinator.	4. BoS and BoE Mamber
2. AISHEE Coordinator	
3. IQAC Coordinator-IS Dept.	

LIST OF PUBLICATIONS

Sr. No	INTERNANATIONAL PUBLICATIONS-2011-12		
I	Paper Name	Conference /Journal Name	Volume No/ISSN No/ISBN No
2	Global Contribution Robots Secure Multichannel Routing Protocol in MANET	International Association of Computer Science & Information Technology(IACSIT)	Volume 20, ISSN 2010-460X, ISBN: 978-981-07-0994-5
3	Time Based Approach for security Enhancement in MANET	International Journal of Research in IT And Management –MARIEE (Maharaja Agrasen International Research and Educational 4Consortium)	Volume 2, Issue 2 (February 2012), ISSN:2231-4334,
4	Web Usage Mining- Pridicting And Mounting Customer Preches In an Onlie Retail Business	International Journal of Research in IT And Management –MARIEE (Maharaja Agrasen International Research and Educational Consortium)	Volume 2, Issue 2 (February 2012), ISSN:2231-4334,
INTERNANATIONAL PUBLICATIONS-2014,2015			
5	Go, Halt, Wait, Gain and Proceed Concept for enhancing the capacity of the Wireless MANET	International Journal of Ethics in Engineering & Management Education (IJEEME)	ISSN: 2348-4748, Volume 1, Issue 1, January 2014 Impact Factor:3.4
6	Optimised Solution for Issues in Design of Search Program	International Journal of Computer Science and Information Technology Research(IJCSIT)	ISSN 2348-1196(print), Val.3, Issue 2, pp(642-649), Month: April-June 2015, www.researchpublish.com
7	Big data And Big data Analytics	International Journal of Computer Science and Information Technology Research	ISSN 2348-1196(print), Val.3, Issue 2, pp(625-631), Month: April-June 2015, www.researchpublish.com
8	Survey on Different Methods for Attacking Virtual Machine	International Journal of Computer Science and Information Technology Research	ISSN 2348-1196(print), Val.3, Issue 2, pp(613-618), Month: April-June 2015, www.researchpublish.com
9	Knowledge Representation By Using Slot and Filler Structure	International Journal of Computer Science and Information Technology Research	ISSN 2348-1196(print), Val.3, Issue 2, pp(619-624), Month: April-June 2015, www.researchpublish.com
10	Knowledge Representation Architecture for Remote Sensing Image Understanding System	International Journal of computer science and Information Technology Research	ISSN 2348-1196(print), Val.3, Issue 2, Month: April-June 2015, www.researchpublish.com
11	Survey on Different Methods for Attacking Virtual Machine	International Journal of Computer science and information technology	ISSN 2348-1196(print) Val 3, Issue 2, April June 2015
INTERNANATIONAL PUBLICATIONS-2017			
12	Drifting Approach for Energy consumption in Wireless- Sensor Networks	International Journal of Scientific & Engineering Research -IJSER (ISSN 2229-5518)	ISSN 2229-5518, Val-8, Issue 5, May 2017
INTERNANATIONAL PUBLICATIONS-2018			
13	A Privacy-Preserving Location Monitoring System For Wireless Sensor	International Research Journal of Engineering and Technology (IRJET)	e-ISSN: 2395-0056 p-ISSN: 2395-0072 Volume: 05 Issue: 03 Mar-2018

	Networks		
14	Farmer's friend: Utilization of IoT and Web application in Agriculture	International Research Journal of Engineering and Technology (IRJET)	e-ISSN: 2395-0056 p-ISSN: 2395-0072 Volume: 05 Issue: 03 Mar-2018
15	Predicting Breast Cancer Recurrence Using Effective Classification and Future Selection Technique.	International Journal of Recent Innovation in Engineering and Research(IJRIER)	e-ISSN: 2456 – 2084 Volume: 03 Issue: 05 May-2018 (IJRIER)
INTERNANATIONAL PUBLICATIONS-2019			
16	Sign Language Translation Using Neural Networks.	International Journal of Computer Trends and Technology (IJCTT)	Volume-67, Issue-5, Publication Year-May -2019. E-ISSN (print): 2231-2803 P-ISSN (on-line): 2349-0829
17	A Novel Smart Phone Controlled Method for Plant Disease Prediction	International Conference on Advances in Information Technology (ICAIT2019) Technically Co-Sponsored by IEEE Bengaluru Chapter	Volume: 01 Issue: 01 May-2019. E-ISSN (print): P-ISSN (on-line):
18	'KISAN JYOTHI' A Tracking System for Pumpssets Using IoT And GSM	International Journal of Research and Analytical Reviews (IJRAR)www.ijrar.org	IJJAR June 2019, Volume 6, Issue 2 E-ISSN 2348-1269, P- ISSN 2349-5138,
19	E-Governance for Public Administration	International Journal of Engineering & Advanced Technology (IJEAT), Springer Indexed. https://www.scopus.com/sourceid/21100899502	Scopus Indexed Journal ISSN: 2249 – 8958, Volume-X, Issue-X
20	Virtual Sperm and Blood Bank for Dogs, Author: Dr Mahesh Kaluti, & Tejus	International Journal of Innovative Science and Research Technology(IJISRT)	ISSN NO:2456-2165, Volume 5, Issue 6,June 2020
21	Transformation of Governance Through Information Technology by Cloud Computing Author: Dr Mahesh Kaluti, & Rajani K C.	Paper Submitted to SCOPUS-INDEXED IEEE Conference 2nd International Conference on Inventive Research in Computing Applications(ICIRCA 2020)	International Conference on Inventive Research in Computing Applications (ICIRCA 2020) conference proceedings and IEEE Xplore
22	Researcher Challenges & Crises raised in the field of Machine Learning due to Global pandemic Covid -19 in the south zone of Karnataka	Paper Submitted to SCOPUS-INDEXED CONFERENCE Journal & Waiting for Publication	Waiting for Publication
23	Micro Solar Integrated Energy Harvesting design Module for Wireless Sensor Networks	Under Progress	Under Progress
NATIONAL PUBLICATIONS			
Paper Name		Conference Name & Year	
Extraction of Handwritten Glyph & Indic Scripts		National Conference on Knowledge Intelligence and Telematics KITE-Jan/2011, U. V. Patel College of Engineering GANPAT UNIVERSITY INDIA	
Point-Based Rendering		National Conference on Knowledge Intelligence and Telematics KITE-Jan/2011, U. V. Patel College of Engineering GANPAT UNIVERSITY INDIA	
Information Retrieval By		National Conference on Recent Trends and Communication	

<i>Ideological Method</i>	<i>Technology Sep-2011, Organized By Sri Balaji College of Engineering & Technology, Jaipur</i>
<i>Quantum Computation - Entanglement, Ethical ,Decoherence, Potential</i>	<i>National Conference on Recent Trends and Communication Technology Sep-2011, Organized By Sri Balaji College of Engineering & Technology, Jaipur</i>
<i>Specialized Algorithms of Data Mining Methodologies</i>	<i>National Conference on Recent Trends and Communication Technology Sep-2011, Organized By Sri Balaji College of Engineering & Technology, Jaipur</i>
<i>Self Quotient Image for extraction of intrinsic lighting invariant property of a face</i>	<i>National Conference on Recent Trends and Communication Technology Sep-2011, Organized By Sri Balaji College of Engineering & Technology, Jaipur</i>

Membership Details	
Name of Organization	Membership Id
<i>IACSIT: International Association of Computer Science and Information Technology</i>	<i>80343009</i>
<i>UACEE: Universal Association of Computer & Electronics Engineers</i>	<i>A7800754</i>
<i>IAENG: International Association of Engineers</i>	<i>117890</i>
<i>IJRSI: International Journal of Research and Scientific Innovation</i>	<i>RSIS-ED-1118-213</i>
<i>APCBEEC: Asia-Pacific Chemical, Biological & Environmental Engineering Society</i>	<i>200491</i>
<i>IJCSE :Indian Journal of Computer Science and Engineering</i>	<i>IJCSE-M-00094</i>

Reviewer for Journals / Conferences / Books
<ul style="list-style-type: none"> <i>Reviewer & Session Chair for International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT-2022).</i>
<ul style="list-style-type: none"> <i>Reviewer for 2nd International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC-2022) held on 22-24 December 2022 in hybrid mode, organized by Department of Computer Science, Banaras Hindu University, IIT-Varanasi,</i>
<ul style="list-style-type: none"> <i>International Conference on Applied Intelligence and Sustainable Computing (ICAISC-2023) SDM-Dharwad</i>
<ul style="list-style-type: none"> <i>Reviewer for IEEE Access articles for multidisciplinary articles from 2019-20, & 2018-19.</i>
<ul style="list-style-type: none"> <i>Reviewer for International Conference on Recent Trends in Electrical, Electronics & Computer Science Engineering Jan- 2020.</i>
<ul style="list-style-type: none"> <i>Reviewer for International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT-2018).</i>
<ul style="list-style-type: none"> <i>Editorial Member for International Journal of Engineering in Advanced Research Science and Technology.</i>
<ul style="list-style-type: none"> <i>Reviewer for International Journal of Research and Scientific Innovation (IJRSI).</i>
<ul style="list-style-type: none"> <i>Organizing Committee Member for International conference on Emerging Research in Electronics, Computer science and Technology</i>
<ul style="list-style-type: none"> <i>Reviewer for World Academy of Science, Engineering and Technology.</i>
<ul style="list-style-type: none"> <i>Reviewer for International Journal of Advancements in Research & Technology (ISSN 2278-7763).</i>