

Name	Mrs.UMAMAHESWARI.D
Designation	ASSISTANT PROFESSOR
Date of Birth	20-05-1983
Address	UG Department of Computer Applications, NGM College, Pollachi-642001
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Phone No	9976499117
Educational Qualification	M.C.A., M.Phil., <u>Ph.D</u>
Teaching Experience	12 years
Area of Interest	Computer Networks, Network security and Cryptography, Programming in C, C++ & Java
Certifications	NIL
Awards and Recognition	NIL
Professional Bodies	NIL
Research Guidance (M.Phil /Ph.D)	NIL
Student Funded projects	NIL
Mini project /Major project	NIL
Presenting Guest Lectures	NIL
Seminar, Workshop, Conference Attended	41
Faculty Development Program Attended	19
Resource Person in Seminar/FDP/Conference/Workshop	1
Papers Presented	7
Papers Published in Journals	8

S.No	Date	Event	Topic	Work	Organizer	Place
1	2009	Workshop	Professional Ethics in Database Design for real time Applications	Participated	NGM College	Pollachi
2	2009	Faculty Development Program	Role of Faculty in shaping the Best Technocrats	Participated	Avinashilinsgam University for Women	Coimbatore
3	2009	Workshop	ANIMATION – A tool to explore artistic talents	Participated	NGM College	Pollachi
4	25.8.2019	International Conference	Performance Evaluation of a knowledge based system for subsidence Management	Presented	KCT College	Coimbatore
5	18.12.2009	International Seminar	Improving the Efficiency and effectiveness of Virtual Reality by data mining management	Presented	PSGR Krishnammal College	Coimbatore
6	February 2011	National level Seminar	Data Mining Techniques	Participated	Vidyasagar College of Arts & Science	Udumalpet
7	13.1.2012	National Seminar	Applications and Limitations of Knowledge based system in mining engineering	Presented	Sree Ramu college of Arts & Science	N.M.Sungam, Pollachi
8	August 2012	National level Seminar	Excellence through Quality sustenance and Enhancement	Participated	NGM College	Pollachi
9	2012	National Workshop	Grid and Cloud Computing	Participated	Bharathiar University	Coimbatore

10	12.2.2013& 13.2.2013	Faculty Development Programme	High Impact Training	Participated	APD, NGM College	Pollachi
11	2015	Workshop	MATLAB	Participated	Government Arts College	Udumalpet
12	2016	Two days Workshop	Android	Participated	B +ve Academy	Coimbatore
13	2016	Faculty Development Programme	Business Analytics using R	Participated	SIIMS	Pollachi
14	29.1.2016	National Level Seminar	Empowering the Youth to Enrich Mankind	Participated	NGM College	Pollachi
15	4.3.2016& 5.3.2016	National Level Workshop	Android	Participated	NGM College	Pollachi

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16	9.8.2016 to 26.8.2016	FDP	Personality Development Programme	Participated	Human Excellence, NGM College	Pollachi
17	17.2.2017	National Level Workshop	MAT LAB	Participated	Rathinam College of Arts and Science	Coimbatore
18	18.8.2017	International Conference	Cyber security – An important issue in Information Management System	Presented	Rathinam College of Arts and Science	Coimbatore
19	24.8.2017	National Colloquium	Contemporary Trends in Bigdata Analytics	Participated	BCA Department, NGM College	Pollachi
20	22.9.2017	National Conference	An Intrinsic Survey on Missing data and its effects in Health care Systems	Presented	NGM College	Pollachi
21	9.2.2018	National Level Seminar	Career Openings in Networking	Participated	NGM College	Pollachi
22	28.9.2018	National level workshop	E-content Development	Participated	NGM College	Pollachi
23	3.10.2018	National level workshop	Sustainable Agriculture	Participated	NGM College	Pollachi
24	January 2019	National level seminar	Cyber security Awareness	Participated	NGM College	Pollachi
25	14.2.2019& 15.2.2019	National level workshop	Writing Seminar Papers, Research articles, Proposals and Thesis	Participated	Periyar University	Salem

26	15.3.2019	International Conference	Analysis of Data Pattern Identification and Noise Reduction in Medical Image Processing	Presented	SIIMS	Pollachi
27	12.2.2020	National Conference	Performance Analysis of Various filtering techniques for smoothening and sharpening	Presented	Sri Krishna College of Arts & Science	Coimbatore

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28	6.4.2020	Faculty Development Program	Flipped Learning	Participated	NGM College	Pollachi
29	7.4.2020	Web Conference	IOT	Participated	NGM College	Pollachi
30	9.4.2020 to 11.4.2020	Faculty Development Program	The art of teaching and learning for the next generation	Participated	Dhwaraka Doss Goverdhan Doss Vaishnav College	Online
31	9.4.2020	Web Conference	Recent Technology in networks	Participated	NGM College	Pollachi
32	10.4.2020	Webinar	Crafting a successful exit for ventures	Participated	NGM College	Pollachi
33	13.4.2020 to 16.4.2020	Webinar	An effective research paper writing skills	Participated	Bhagwan Mahavir University	Online
34	15.4.2020	Webinar	AI for anyone in 60 minutes	Participated	Mark Cuban Foundation	Online
35	19.4.2020 to 24.4.2020	Faculty Development Program	R-Tool	Participated	Spoken Tutorial Project, IIT Bombay by Krishna College of Arts and science	Online
36	22.4.2020	Webinar	Webinar on Data Visualization Using Tableau	Participated	Brainswig Edutech Pvt Ltd, Chennai	Online
37	23.4.2020 to 29.4.2020	FDP	FDP in Python 3.4.3	Participated	Spoken Tutorial Project, IIT Bombay by Vellalar College for Women	Online

38	27.4.2020	FDP	FDP on Research Methodology	Participated	Bharathiar University Arts and Science College, Pollachi	Online
39	29.4.2020	Webinar	Webinar on Intellectual Property Rights	Participated	Patwise Consulting Solutions, Chennai	Online

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40	29.4.2020 to 1.5.2020	Webinar	Moodle - LMS	Participated	Spoken Tutorial Project, IIT Bombay by Kaypeeyes College of Arts and Science	Online
41	29.4.2020	Webinar	Book Publishing, Article writing at springer nature	Participated	Gurunanak University, Amristar	Online
42	29.4.2020	Webinar	Improving Research Planning at Technical Institutes	Participated	Elsevier & VTU Consortium	Online
43	1.5.2020 to 3.5.2020	FDP	FDP in Python	Participated	Spoken Tutorial Project, IIT Bombay by G.V.G Visalakshi College for Women	Online
44	1.5.2020	Webinar	Industry 4.0 The new normal	Participated	Edspire Vetias	Online
45	2.5.2020	Webinar	The real world of IT	Participated	BCA, NGM College	Online
46	11.5.2020 to 15.5.2020	Webinar	Free datascience basics using Python	Participated	360digiTMG - Guduvanchery Learning Centre	Online
47	12.5.2020	FDP	Concept development and model building for social sciences	Participated	Bharathiar University Arts and Science College, Pollachi	Online
48	12.5.2020	FDP	The Art of Teaching	Participated	NGM College	Online
49	13.5.2020 to 15.5.2020	FDP	FDP on Cloud Applications- An Introduction	Participated	MCA Department, NGM College	Online
50	14.5.2020 to 18.5.2020	FDP	International FDP on Current Technologies in IT Industries	Participated	Aided Computer Science, NGM College	Online

51	15.5.2020	Webinar	Research Publications: Skills, Ethics & Misconducts	Participated	KCT College, CBE	Online
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52	17.5.2020	Webinar	Webinar on combating Covid-19	Participated	Nature Science Foundation, Coimbatore	Online
53	18.5.20 to 23.5.2020	FDP	International FDP on Enhance your skills during Quarantine	Participated	Bishop Appasamy College, Coimbatore	Online
54	19.5.20 to 22.5.2020	FDP	Research prospects and promises of Deep learning in problem solving	Participated	MCA Department, NGM College	Online
55	21.5.20 to 27.5.2020	FDP	International FDP on Innovation in Information Technology post COVID-19	Participated	BCA Department, NGM College	Online
56	25.5.2020 to 31.5.2020	E-Conference	International E-Conference series on Handle COVID-19 with Healthy and Effective Lifestyle	Participated	Human Excellence Department, NGMC	Online
57	28.5.2020	Webinar	Turn the Challenges to Opportunities: COVID-19 Pandemics and measures to Combat	Participated	Higher Education of India, NAAC, Bengaluru	Online
58	9.6.2020	Webinar	Effective Utilization of Open Access Resources and Research Metrics	Participated	LRG Government Arts College for Women, Tiruppur	Online
59	15.6.2020 to 19.6.2020	FDP	FDP on Digital Image Processing with Research Technology	Participated	Karpagam College of Engineering, Coimbatore	Online

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60	22.06.2020	FDP	Webinar FDP on Appraisal of Learning Outcomes in OBE	Participated	Office of the COE, NGM College, Pollachi	Online
61	26.6.2020	Webinar	System and Procedures for NAAC Assessment	Participated	IQAC	NGM College, Pollachi

Paper Published 8		
TITLE	JOURNAL	ISSN
Multiple Imputation: An Alternative solution for filling Data	International Journal for Scientific Research & Development	Volume 2 and Issue 11 (January 2015)
Data Mining Techniques to Fill the Missing Data and Detecting Patterns	International Journal of Science Technology & Engineering	Volume 2 and Issue 1 (July 2015).
Multiple Imputation: A problem-solving Approach for missing data	International Association of Scientific Innovation & Research	Volume 3 and Issue 3 (September 2016)
Finding the Missing Data to Detect Patterns using Data Mining	International Journal of Science Technology & Engineering	Volume 3 and Issue 3 (September 2016)
Detecting Patterns to fill the Missing data in Taxonomical Investigations”	International Journal for Innovative Research in Science & Technology	Volume 3 and Issue 4 (September 2016).
An Intrinsic study on Attention Deficit Hyperactivity Disorder using Image Processing	International Journal for Research & Development in Technology	Volume 6 and Issue 2 (September 2016)
Salient methods of Image processing : A fundamental survey	International Journal of Theoretical and Applied Sciences	Volume 10 and Issue 1 (January to June 2018)

Comparative Analysis of Various Filtering Techniques in Image Processing	International Journal of Scientific & Technology Research	Volume 8 and Issue 9 (September 2019)
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