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Name of the Faculty with Educational Qualification:Dr.N.Kalpana, M.E,Ph.D (MISTE)

Designation and Department: Associate Professor and Information Technology

Velammal College of Engineering and Technology, Madurai

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Educational Qualification:B.E, M.E, Ph.D

Experience in Years:15

Employment History:

SL.NO	NAME OF THE INSTITUTION	DESIGNATION	FROM	TO
1.	RAJA COLLEGE OF ENGINEERING & TECHNOLOGY	Assistant Professor	25/6/2009	29/5/2012
2.	KLNCE	Assistant Professor	4/6/2012	30/11/2012
3.	PSNA COLLEGE OF ENGINEERING & TECHNOLOGY	Assistant Professor	21/1/2013	21/11/2019
4.	VAIGAI COLLEGE OF ENGINEERING	Associate Professor	1/2/2020	30/10/2021
5.	PSNA COLLEGE OF ENGINEERING & TECHNOLOGY	Assistant Professor	11/11/2021	22/5/2025

Interested Research Areas: Information Retrieval

Scholarships and Awards received:

Awards:

- ✓ Best Paper award from Institution of Engineers
- ✓ Innovative Teaching Award from Pearson Education
- ✓ High Impact on Teaching skills Award from Wipro
- ✓ Digital Guru Award for Activity Based Learning.
- ✓ Best International Conference award from National University of Singapore NUS

Funded Research Projects: (will be either in Table (or) Paragraph starting with latest funded research project)

Funding Agency:

Scheme:

Title:

Sanctioned Amount:

Year:

Principal Investigator(PI):

Co-PI:

Patent rights received:

Publications Details: (will be either in Table (or) Paragraph starting with latest publication)

1. Patent Journal Publication Details:

2. International Journal Publication Details:

Author(s)	Title of the paper	Journal	Volume	Page	Year	Impact factor
Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S	FIRA "International Journal of Business Intelligence and Data mining.	International journal of business intelligence in data mining	13	245-347	2018	3
Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S	Innovation With Learning Management System	Advances in natural and applied sciences	9	416-425	2017	2.8
Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S	Similarity between Documents using cloud storage	International journal of applied engineering research	9	28581-28592	2014	3.8
Dr.N.Kalpana	Machine learning and statistical theory enabled real time people analytics framework based on emotional quotient intelligence and self efficacy	International journal of computational and Theoretical NanoScience	5	28781-28792	2019	3.2
Dr.N.Kalpana	A Novel Energy Efficient Threshold Based Algorithm for Wireless Body Sensor Network	Energies MDPI	15	Energies 2022, 15, 6095.	2022	2.07
Dr.N.Kalpana	Sensitivity Enhancement Using Surface Plasmon Resonance Sensor for Colorectal Detection by Employing Hetero structure Research	PLASMONICS SPRINGER	10	PLASMONICS, 2025 , JAN	2025	https://link.springer.com/article/10.1007/s11468-024-02735-1/metrics

3. International Conference Presentation Details:

Publication Details: Conference

Sl. No.	Details
1.	Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S (2016) An Pragmatic Approach on Ontology Determined Semantic Information Retrieval .ISRO Sponsored Indian Conference on Data Analytics, Big Data, Data Mining and Data Science (ICD4'16). ISBN: 978-1-63535-858-2
2.	Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S (2016) Scene Detection For Video Retrieval Based On Gaussian Mixture Model. ICONSECT.ISBNVedavyasa Institute of Technology, Malappuram, Kerala. : 978-1-944169-20-6.
3.	Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S (2015) Ranking Based Information Retrieval In Cloud Based Efficient Information Retrieval For E-Learning . International Conference on Business Management & Information Systems (ICBMIS) 978-1-944169-20-176.
4.	Ms.Kalpana.N (2012) paper Entitled “Survey on Similarity measure between Documents” National Conference on KDDM’ 12 at TCE, Madurai. 978-1-9334169-20-126.
5.	Ms.Kalpana.N (2013) An Empirical approach on identical Documents” ACENET ’13 at PSNACET, Dindigul.
6.	Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S(2015) “ <i>An Empirical Approach on Similarity in NPTEL Using Effective Learning .National Conference on Big Data and Cloud Computing (NCBDC’15).pg no 97-90-125</i>
7.	Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S (2015) RANKING BASED INFORMATION RETRIEVAL IN CLOUDA CLOUD BASED EFFICIENT INFORMATION RETRIEVAL FOR E-LEARNING -IJKEDM . 978-1-944199-20-156.
8.	Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S(2012) “Similarity measure between credentials using Text Snippet Method. ICDASDC’12 ” at KLNCIT, Madurai. Pg no:178-181.
9.	Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S(2013) Resemblance assess among versatile file using LSA Technique ,ICDASDC’ 2013 at KLNCIT, Madurai. Pg no:172-176.
11.	Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S (2014) ”Similitude appraise between documents using SEA Algorithm, ICIET ’14”-KLNCE , Madurai. ISBN NO:978-1-944169-25-90.
12.	Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S (2015), -“Info media Retrieval using Dynamic Time Warping Method”- ICDASDC’15 KLNCIT , Madurai. ISBN NO:978-1-944169-27-190.
13.	Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S (2015), -“Info media Retrieval using Dynamic Time Warping Method”- IJST_ International Journal of Science and Technology ISSN 2321 919X.
14.	Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S(2015) - Ranking Based information retrieval in cloud ‘A conceptual framework for retrieving user centric E-Content in educational Data mining” ICBMIS 2015 “ National University of Singapore at Singapore. ISSN 2321 919X.
15.	Ms.Kalpana.N and Dr.Appavu Alias Balamurugan .S(2015) “An Empirical approach on resemblance between documents using CSS Algorithm” , ICOAC-2015 Anna University Chennai (Published in IEEE Explore).pg no: 978-1094
16.	Dr.N.Kalpana “ENCRYPTED OUTSOURCED DATA WITH EFFECTIVENESS PROGRESS”, e-ISSN: 2582-5208, e-ISSN: 2582-5208
17.	Dr.N.Kalpana ,”FARM PROTECTION FROM ANIMALS THROUGH INTELLIGENCE SURVEILLANCE” e-ISSN: 2582-5208 , Volume:04/Issue:05/May-2022 Impact Factor- 6.752

4. National Conference Presentation Details:

5. Google Scholar report: