PROFILE OF DR. S.NAGANANDHINI

I.	Designation	:	Assistant Professor
II.	Department	:	Computer Applications
III.	Qualification	:	M.C.A., M.Phil., Ph.D.,
IV.	Additional Qualification	:	NIL
V.	Experience	:	Teaching: 04 Years; Research: 03 Years
VI.	Specialization	:	Medical Image Analysis; Healthcare Data Analytics; Image segmentation
VII.	Email id	:	nandhinisankar8@gmail.com
VIII.	Mobile number	:	8015296843
IX.	Research Guidance	:	Nil
X.	Publications	:	

Sl.No.	Category	Total	For the Period 2016 -2023
1	Chapters in Books	2	2
2	Patent	1	1
3	No. of Publications in International and National Journal	10	10
4	No. of Papers in Proceedings	7	7

XI.   Select Publications   :

Sl. No	Title of the Article	Name of the Journal	ISBN / ISSN	Vol. (No.)	Pages	Year
1	A Hybrid Method for Automatic Counting of Microorganisms in Microscopic Images, Advance Computing:	An International Journal (ACLJ) Publication		7 (1/2)	51-60	2016
2	Gradient-Based Computational Approach for Identification and Counting of Microorganisms in Light Microscopic Images	Middle-East Journal of Scientific Research Publication (IDOSI Publication)	1990-9233	24 (S2)	360-371	2016
3	An Automated Segmentation of Human Iris for Biometric Identification	International Journal of Computer science and Engineering	0976-5166	8 (3)	395-399	2017

4	Detection of Alzheimer's disease in MRI Head Scans Using Spatial Fuzzy Clustering with Level Set Method	International Journal of Engineering Science and Mathematics	2320-0294	6 (7)	68-74	2017
5	Threshold and Morphological Operations Based Brain Image Segmentation	Journal of Innovative Technology and Exploring Engineering	2278-3075	8 (6S3)	96-100	2018
6	Effective Diagnosis of Alzheimer's Disease using Modified Decision tree Classifier	Procedia Computer Science, Elsevier		165	548-555	2019
7	Data Imputation of Brain MRI Features with Enhanced Multinomial Logistic Regression for Alzheimer's Disease Classification	ACM, Advance Computing as a Science & Profession	Doi: 10.1145/3479645.3479685		339-347	2021
8	Temporal Change Analysis- Based Recommender System for Alzheimer's Disease Classification, Recommender system with Machine Learning and Artificial Intelligence	Wiley	978-1-119-71157-5		351-368	2020
9	Alzheimer's disease Classification using Machine Learning Algorithms, Advances in Computerized Analysis in Clinical and Medical Imaging	CRC Press Taylor & Francis			117-134	2019

XII.   Patent Filed   :

Sl. No	Title of the Patent	Name of the Patent	Patent No.	Year
1	A system and method of IoT Healthcare management technique for modern medical process	Indian Patent	2021410 30256	2021

XIII.   Seminars/Conferences/Workshops Organized   :   03

XIV.   Seminars/Conferences/Workshops Attended   :   19

XV.   Awards and Honours   :   01

XVI. Invited talks in National./ International Events   :   01

XVII. Additional Responsibilities (2022-2023)   :

- Member, Prayer Committee- APASC (2022)

- Member, Naan Mudhalvan – APASC (2022)

- Co-Ordinator, Disciplinary Committee -APASC (2022)

- Member, Cultural Committee -APASC (2022)

- Member Website Development Committee -APASC (2022)

- Member Research and Development -APASC (2022)

- Member Eco-Club -APASC (2022)

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