FACULTY PROFILE

Name	**N.MINNI**
Department	Department of Computer Science
Current Designation & Grade Pay	Asst. Professor
Address for Correspondence	AVVAIYAR GOVERNMENT COLLEGE FOR WOMEN, KARAIKAL-609602
Mobile	9940911570
Email Id Email Id (Official)	minnimca@gmail.com minnimca@dhtepdy.edu.in
Academic Qualifications	MCA, M.Phil, SET.,
Teaching Experience	15 years
Areas of Specialization	Full Stack Development , Python and Machine Learning , Data Science

Academic Staff College Orientation / Refresher Courses Attended :

Name of the Course / Summer School	Place	Duration	Sponsoring Agency
Orientation Course	Bharathidasan University Tiruchirapalli	04.07.2013 to 31.07.2013	UGC – ASC
Refresher Course in Computer Science	Bharathidasan University Tiruchirapalli	13.11.2015 to 03.12.2015	UGC - ASC
Refresher Course in Computer Science and Information Technology	University of Madras , Chennai	28.01.2021 to 10.02.2021	UGC – HRDC
Refresher Course in Computer Science	Madurai Kamaraj University , Madurai	02.11.2022 to15.11.2022	UGC – HRDC

ResearchPublications   :

Sl. No.	Title	Year	Journal/Book	Volume-Page
1.	PageRank using MapReduce – An Open-Source Framework for Processing Large Data Sets	Aug 2011	CiiT International Journal of Data Mining and Knowledge Engineering , ISSN 0974-9683	Vol 3, No. 10
2.	Impact of Data Security on Adoption in the Cloud	Jan-June 2012	Journal of Computer Science and Applications, ISSN 2231-1270	Vol 4, No. 1
3.	Shortest Path Algorithms using MapReduce For Automatic Vehicle Location Systems	2015	International Journal of Applied Engineering Research , ISSN0973-4562	Vol 10, N0. 12
4.	Detection of Nutrient Deficiencies in PlantLeaves using ImageProcessing	2016	International Journal of Computing Algorithm (IJCOA),ISSN:2278-2397	Volume 5, Issue 2
5.	Classification of food grains using Classification Algorithms	February 2018	International Journal of Advanced Research in Computer Science (IJARCS), ISSN: 0976-5697	Volume 9, Special Issue No. 1
6.	E-Learning- A Moodle Website Creationwith Gnomio	Jan 2019	International Journal of Research in Social Sciences, ISSN 2249-2496 Impact Factor:7.081. UGC Listed.	Volume 09, Issue 1
7.	Exploring Machine Learning Algorithms for Accurate Breast Cancer Classification: A Comparative Analysis Using F2 Metric.	March 2024	Lecture Notes in Networks and Systems, Springer, Singapore. ISBN 978-981-99-9706-0	vol 898. https://doi.org/10.1007/978-981-99-9707-7_14 .

Books Published :

Title	CoAuthor	Publications	Year
Database Management Systems	N.Rehna	Charulatha Publications ISBN No.: 978-93-89970-13-5	Aug 2020

Papers Presented in National / International Conferences :

Sl. No.	Topic	Conference	Organised By	Period
1.	Grid Computing based on Protection and reliability study for power systems	National Conference on Advanced Computing and Communication Technologies	E.G.S.Pillay Engineering College, Nagapattinam.	28th Feb 2009
2.	PageRank using MapReduce – An Open-Source Framework for Processing Large Data Sets	International Conference on Advances in Engineering and Technology	E.G.S.Pillay Engineering College, Nagapattinam.	May 27th $\&_{28}$th2011
3.	Impact of Data Security onAdoption in theCloud	National Conference on Future Computing – NCFC	Pondicherry University,Karaikal Campus.	2012 on 30th March 2012
4.	Detection of Nutrient Deficiencies in Plant Leaves using Image Processing	Third National Conference on "Recent Trends in Computer Science"	K.C.S.Kasi Nadar College of Arts and Science, Chennai	20th September 2016
5.	Grading of Agricultural Food Products using Image Processing Classification Algorithms	National Conference on Environmental Sanitation for Health Security (ESHS-2017)	Avvaiyar Govt. College For Women, Karaikal	21st January 2017
6.	E-Learning- A Moodle Website Creation with Gnomio	National Seminar Step-up in Quality Higher Education 4.0	Vidhya Sagar Women's College, Chengalpattu	9th January 2019

7.	Exploring Machine Learning Algorithms for Accurate Breast Cancer Classification: A Comparative Analysis using F2 Metric	Springer5 th International Conference on Computer & Communication Technologies (IC3T-2023)	Dept. of Electronics and Communication Engineering, Kakatiya Institute of Technology & Science, Warangal, Telangana	6-7 October, 2023

Seminars/Workshops Attended:

Sl. No.	Seminars/Workshops/ Conferences	Organized By	Period
1.	One Day workshop on "Engineering Issues in Information Security"	Dept. of Computer Applications and Mathematics, National Institute of Technology, Trichy.	12th April 2008
2.	Two days workshop on "C# & .NET"	Department of CSE, AVC College of Engineering, Mayiladuthurai.	29th and 30th of Aug 2008
3.	Two days national workshop on "Research Methodology"	Department of CSE, AVC College of Engineering, Mayiladuthurai.	2nd and 3rd of Feb 2012.
4.	State Level Faculty Development Programme on "CloudComputing and itsApplications"	Department of Master of Computer Applications, E.G.S. Pillay Engineering College, Nagapattinam.	9th April 2012
5.	Two days Regional workshop on "Research Support Tools –MATLAB andSPSS"	Dept. of Computer Science , IT and Computer Applicationsand Mathematics, Dr. MGR Janaki College of Arts and Science for Women,Chennai.	12th and 13th September 2013
6.	One day workshop on "Web Services – Modelling & Testing" on, conducted by	Dept. of Information Technology, VelTechDr.RR& Dr.SR Technical University, Chennai.	11th October 2013
7.	One day workshop on "Teaching & Research Methodologies"	PKIET, Nedungadu, Karaikal.	31st Jan 2015
8.	One day workshop on soft skills on organized by	Avvaiyar Govt. College For Women , Karaikal	13.08.2019

9.	AI and Machine Learning Workshop	Edureka	28.03.2020
10.	The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop	IIT Bombay	21 June 2020
11.	Two Weeks Workshop on Analytical tools for Image Processing	MHRD-RUSA 2.0 "Biomaterials" project by the Department of Computer Science, University of Madras	01.02.2022 to 17.02.2022
12.	30 Days Master Class on Data Science and Analytics at from	Pantech e-Learning Pvt. Ltd , Chennai	20.01.2022 to 18.02.2022
13.	Five Days International Virtual Faculty Development Programme on "Advance In Emerging Trends and Technologies"	St.Joseph College of Arts and Science , Chennai	06.02.2023 to 10.02.2023
14.	Three days Online International Faculty Development Program on "Machine Learning with Python"	Department of BCA, Ethiraj College for Women, Chennai	10.04.2023 to 12.04.2023
15.	One Week Faculty Development Programme on "Generative AI"	D Y Patil College Of Engineering , Pune With Pantech Learning	04.03.2024 to 09.03.2024

Other Responsibilities Held :

Sl.No.	Designation	Institute	Period
1.	Member of College Committees	Avvaiyar Govt College For Women Karaikal	2013 to tilldate
2.	Member of Admission Committee	Avvaiyar Govt College For Women Karaikal	2014 to 2017
3.	Member of Placement Cell	Avvaiyar Govt College For Women Karaikal	2018 to tilldate
4.	Observer for Theory Examinations	Pondicherry University	2015 to 2018
5.	External and Internal Examiner for Practical Examinations	Pondicherry University	2013 to tilldate
6.	Examiner for Paper Valuation	Pondicherry University	2013to tilldate
7.	Question Paper setter	Bharathiyar University.	2015 to tilldate

8.	Presiding Officer	General Elections to PuducherryLegislative Assembly	2019
9.	Nodal Officer for AISHE	Avvaiyar Govt College For Women, Karaikal	2018 to tilldate
10.	SPOC for Swayam NPTEL Local Chapter	Avvaiyar Govt. College For Women, Karaikal	2020 to tilldate
11.	Coordinator Website Development Committee	Avvaiyar Govt College For Women, Karaikal	2023 to tilldate
12.	SPOC for IOT and CFFI Training Programme organized by SkillsDA	Avvaiyar Govt. College For Women	2023-2024