

Name : **Dr.S.Shaik Parveen**
Designation : **Assistant Professor**
Department : **BCA**
Date of Joining : **12-08-2022**
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Educational Qualification:

Degree	Area of Specialization	Institute / University	Month & Year of passing
B.Sc	Computer Science	Fatima College, Madurai Kamaraj University	April, 2002
M.Sc	Information Technology	Gandhigram University	May, 2004
M.Phil	Computer Science	Madurai Kamaraj University	April, 2005
Ph.D	Computer Science	Bharathiar University	December, 2016
B.Ed	Computer Science	Annai Fathima College of Education, Tamil Nadu Teachers Education University	May, 2020

Specialization in Teaching: Programming in C, C++, Data Structures, Data Science, Web Designing

Specialization in Research: Internet of Things

Research Interests: Medical Image Processing

Other Work Experience:

Period		No. of Years	Designation / Nature of job	Institute /Organisation
From	To			
12-08-2022	Till Date	2 yrs 6 months	Assistant Professor	The American College, Madurai
01/06/2019	08-08-2022	3 yrs 2 months	Assistant Professor	Mannar Thirumalai Naicker College, Madurai
16-06-2017	15-05-2019	2yrs	Head & Assistant Professor	Annai Fathima College of Arts and Science, Thirumangalam

17-09-2007	07-06-2012	4yrs 9 months	Assistant Professor	Sethu Institute of Technology, Kariapatti.
26-07-2005	14-09-2007	2 yrs 2 months	Assistant Professor	V.V.Vanniaperumal College for Women, Virudhunagar.

Administrative/Academic Position/s (held/currently holding):

Positions held/ currently holding	Year - From(month/year)To month/year)
Academic Advisor	August 2022-Till now
Project Guide	August 2022 – Till now

Membership in Professional Bodies:

1. Life Member of Indian Society of Technical Education- LM -74752
2. IJCS – Editorial Life Member Membership No: 2022SKRGC1317

Books Published :

Sl. No.	Title	Area	ISBN No.	Year
1	Computer Applications	Computers	ESN 978-81-944871-3-	2020
2	Internet of Things	Computers	978-81-968294-6-9	2024

Publications in Journals:

Sl. No.	Title	Area	Name of the Journal	National / International	Year / Vol.
1.	Performance Analysis Of Automated Diagnosis Of Lung Parenchyma Using A Novel Approach (CFSFCM)	Image Processing	Advances and Applications in Mathematical Sciences	International	Volume 20, Issue 11, September 2021, Pages 2599-2605
2.	Burrows wheeler transform for satellite image compression using whale optimization algorithm	Image Processing	Advances and Applications in Mathematical Sciences	International	Volume 20, Issue 11, September 2021, Pages 2627-2634

3.	Efficiency Of Self Organizing Map In High Dimensional Data	Soft Computing	International Journal of Research and Analytical Reviews	International	Volume 6, Issue 2, June 2019
4.	A novel approach for Segmenting Lung cancer nodules using Earth Mover's Distance with morphological technique	Image Processing	International Journal of Applied Engineering Research	International	Vol.10, No.1, pp. 840-843, 2015
5.	Classification of Lung Cancer Nodules using SVM Kernels	Image Processing	International Journal of Computer Applications	International	Vol. 95, No.25, June 2014
6.	Automatic Computer Aided Diagnosis System for Detection of Lung Cancer Nodules Using Region Growing Method and Support Vector Machines (SVM)	Image Processing	Research Journal of Applied Sciences	International	Vol. 9, No. 6, pp. 299-307, 2014
7.	A Review on computer aided detection and diagnosis of lung cancer nodules	Image Processing	International Journal of Computers & Technology	International	Vol. 3, No. 3, 2012
8.	Text Categorization	Data Mining	Journal of Computer Applications	National	Vol-III, No.2, ISSN Number: 0974-1925, pp. 7-12, April-June 2010

Publications in conference:

Sl. No.	Title	Area	Name of the Conference	National / International	Year / Vol.
1.	Demystify AI and ChatGPT	Computer Science	The Impact of Artificial Intelligence in the Immediate Future in all Walks of Life	National	14 & 15th September, 2023
2.	Stock Market Prediction	Computer Science	International Conference on Data Transformation	International	2023 ISBN 939299549
3.	Burrows wheeler transform for satellite image compression	Computer Science	Conference on Computational Linguistics & NLP – Dr.N.G.P Institute of Technology, Coimbatore	International	2022
4.	Segmenting Lung cancer nodules using Earth Mover's Distance with morphological technique	Image Processing	In world Technologies Ventures into Next-Gen	International	25 th & 26 th May 2022
5.	A Review On m-Health Care Monitoring System	IoT	International conference ICEVSCACT 2k21	International	12 th & 13 th November 2021
6.	Performance Analysis Of Automated Diagnosis Of Lung Parenchyma Using A Novel Approach (CFSFCM)	Image Processing	AICTE Sponsored National E-Conference on Advances in Computer Vision, Artificial intelligence and	International	28 th November 2020

			Computer Applications(N ECACAC-2020)		
7.	Burrows wheeler transform for satellite image compression using whale optimization algorithm	Image Processing	AICTE Sponsored National E-Conference on Advances in Computer Vision, Artificial intelligence and Computer Applications(N ECACAC-2020)	International	28 th November 2020
8.	Segmentation of CT Lung nodules using FCM with Firefly Search Algorithm	Image Processing	DRDO sponsored 2nd International conference on Innovations in Information Embedded and Communication Systems	International	March 2015
9.	A novel approach for Segmenting Lung cancer nodules using Earth Mover's Distance with morphological technique	Image Processing	IEEE sponsored 9th International Conference on Intelligent systems and Control	International	January, 2015
10.	Detection of lung cancer nodules using automatic region growing method	Image Processing	International Conference on Computing, Communications and Networking Technologies	International	2013

Seminars /Schools/Conferences/Workshops Organised:

Sl.No.	Titl e	Period	Plac e	Remarks
1.	Seminar – “ Carrier Guidance ”	2017-2018	Annai Fathima College of Arts and Science College	Convenor
2.	State Level Tech Meet - INIZIO FEST 2K18	2017-2018	Annai Fathima College of Arts and Science College	Convenor
3.	Seminar - Multimedia and its Applications	2017-2018	Annai Fathima College of Arts and Science College	Convenor
4.	Seminar – Software Testing	2018-2019	Annai Fathima College of Arts and Science College	Convenor
5.	Judge – Quiz conducted by Department of Tourism LIBERON	2018-2019	Annai Fathima College of Arts and Science College	Convenor
6.	Seminar- Recent Trends in IT	2018-2019	Annai Fathima College of Arts and Science College	Convenor
7.	Workshop- Android Programming	208-2019	Annai Fathima College of Arts and Science College	Convenor
8.	Seminar- Graphics Design and Animation	2018-2019	Annai Fathima College of Arts and Science College	Convenor
9.	Convener - State level intercollegiate Techmeet “ IGNOZI 2K19 ”	2018-2019	Annai Fathima College of Arts and Science	Convenor

			College	
10.	Orientation Programme - I year students	2019-2020	Mannar Thirumalai Naciker College	Organizer
11.	State Level Intercollegiate TechMeet IMPERIA 2K20	2019-2020	Mannar Thirumalai Naciker College	Organizer
12.	Guest Lecture – Win your Weakness	2019-2020	Mannar Thirumalai Naciker College	Organizer
13.	National Level Webinar on Introduction To Data Science	2019-2020	Mannar Thirumalai Naciker College	Organizer
14.	Power Webinar- “Employability Skills for the future”	2020-2021	Mannar Thirumalai Naciker College	Organizer
15.	Entrepreneurship Awareness Program	2021-2022	Mannar Thirumalai Naciker College	Organizer
16.	Student Exchange Programme – From College to Corporate	2021-2022	Mannar Thirumalai Naciker College	Organizer
17.	State Level Intercollegiate TechMeet IMPERIA 2K22	2021-2022	Mannar Thirumalai Naciker College	Organizer

Seminars /Schools/Conferences/Workshops Attended:

Sl.No.	Titl e	Period	Plac e	Remarks
1.	XML and Web services	23.05.08 & 24.05.08	National Engineering College, Kovilpatti	Participated
2.	Research Induction Programme	21.10. 2008	Sethu Institute of Technology, kariapatti	Participated
3.	Recent Trends in Knowledge Engineering and Machine Intelligence	03.08.2009 & 04.08.2009	Sethu Institute of Technology, kariapatti	Participated
4.	Towards Effective Communication: A Faculty Workshop	09.02.2011	Sethu Institute of Technology, kariapatti	Participated
5.	National Seminar – Mathematics for Advanced	18.10.2011	Ultra College of Engineering &	Participated

	Research Techniques- SMART'11		Technology for Women, Madurai	
6.	FDP- Rational Application Developer	7 th – 10 th Dec, 2011	KLN College of Engineering, Pottapalayam	Participated
7.	Seminar – MATLAB & Simulink	11.11.2011	Gateway Hotel, Pasumalai	Participated
8.	National workshop – Biological Data Mining in Clinical Research	1 st – 3 rd Dec, 2011	Lady Doak College, Madurai	Participated
9.	NPTEL Workshop	02.01.2018	Thiagarajar College of Engineering, Madurai	Participated
10.	Workshop – Goods & Services Tax (GST)	28.08.2018	Sourashtra College, Madurai	Participated
11.	International Workshop – Wireless Sensor Networks	27.12.2018	EMG Yadava Womens College, Madurai	Participated
12.	Workshop - Effective project proposal writing	8-5-2020 to 9-5-2020	Velammal Engineering college, Madurai	Participated
13.	FDP - Moodle Learning Management System	6-06-2020 To 10-06-2020	IIT Bombay	Participated
14.	National Level Faculty Enrichment Programme	13-05-2020	Mannar Thirumalai Naicker College	Participated
15.	National - FDP Latest Trends and Challenges in IT Industry	15-06-2020	R.M.D Engineering College, Chennai	Participated
16.	National - FDP Online Faculty Development Programme on Network Security	15-06-2020 to 19-06-2020	Panimalar Engineering College, Chennai	Participated
17.	National - FDP Role of Machine Learning & Data Sciences in AI	28-06-2020 to 2-07-2020	Mahatma Gandhi Institute of Technology, Telangana	Participated
18.	STTP One week Online Short Term Training Program on Computer	6-07-2020 to 11-07-2020	Networks Arasu Engineering College, Thanjavur	Participated
19.	STTP BIG DATA ANALYTICS	16-11-2020 to 21-11-2020	Saranathan College of Engineering, Trichy	Participated

20.	FDP Design and Analysis of Algorithms, Compiler Design, AI and its Applications	9-12-2020 to 15-12- 2020	SRM Valliammai Engineering College, Chennai	Participated
21.	Orientation Programme Successful Start-Up Founder	11-03-2021	Sethu Institute of Technology, Madurai	Participated
22.	Capacity Building Programme Is Down Syndrome a Disability?	25-03-2021	PSGR Krishnammal College for Women, Coimbatore	Participated
23.	FDP Research Innovation in Computer Vision	10-05-2021 to 14-05-2021	Kings Engineering College, Chennai	Participated
24.	International FDP Recent Advancements of Machine Learning in Terms of AI & IoT	12-07-2021 to 25-07- 2021	SRM Institute of Science and Technology, Chennai	Participated
25.	Workshop Text Analytics using Python Natural Language Toolkit	27-09-2021	Thassim Beevi Abdul Kader College for Women, Kilakarai	Participated
26.	FDP – Enhancing Quality by unearthing innovative practices	18.04.2022 – 24.04.2022	Mannar Thirumalai Naicker College	Participated
27.	FDP- Recent Trends in Research	09.02.2022 & 10.02.2022	SRM Institute of Science and Technology	Participated
28.	Education 4.0 for Sustainable Economic Development	27.04.2022	Mannar Thirumalai Naicker College	Participated
29.	Faculty Orientation Programme– IQAC	20/09/2022	The American College	Participated
30.	FDP – Intellectual Property Rights	8/12/2022 & 9/12/2022	The American College	Participated
31.	Workshop on Arts & Science of Methodical Scientific Writing & Publishing in a High Impact Journal	06/03/2023	The American College	Participated
32.	State Level Workshop on Machine Learning with PYTHON	15/03/2023 & 16/03/2023	The American College	Participated

33.	International Seminar – Recent Trends in Computing Intelligence & Industry 4.	24/3/2023	Mannar Thirumalai Naicker College	Participated
34.	Digital Needs in Modern World	26th August 2023	Annai Fatima College, Madurai	Participated
35.	National Webinar - LATEST TRENDS IN TECHNOLOGY	17th February, 2024	The American College	Participated
36.	FDP-Python Programming with Django Framework for Building Web Applications	12th Feb to 16th February, 2024	CMR Engineering College, Hyderabad	Participated
37.	FDP – Microsoft Power BI Data Analyst Associate	16 th Dec – 20 th Dec, 2024	Mannar Thirumalai Naicker College	Participated

Special /Invited Lectures Delivered:

Topic	Area	Delivered at	Year / Date	Remarks
Guest Lecture - Recent Trends in Information Technology	AI & IoT	Senthamarai College of Arts and Science, Madurai	19 th February, 2019	Delivered
Seminar – Neural Networks & its Applications	Soft Computing	Annai Fathima College of Arts and Science	16 th Dec, 2021	Delivered
Seminar – Multimedia & its Applications	Multimedia	Annai Fathima College of Arts and Science	18 th Dec, 2021	Delivered
Recent Trends in Artificial Intelligence	Computer science	The American College, Satellite Campus	16/11/2022	Delivered
Recent Trends in Information Technology	Computer Science	The American College, Main Campus	23/01/2024	Delivered
Recent Trends in Machine Learning	Master in Computer Applications	Fatima College, Madurai	06/12/2024	Delivered

Patents:

Title	Application No.	Patent Filed Date	Status
Child Rearing Support System And Infant Sensor Device Using IoT	Docket Number 110236 CBR Number: 43244	22.12.2020	Completed
Real Time agricultural field monitoring system using IoT	202241012535 A	25.03.2022	Completed
AI - Optimized Water Treatment Device	407579-001 Cbr Number: 202441	15/02/2024	Completed

Others:

- i) Completed professional certification program IBM Certified Academic Associate – DB2 9 Database and Applications.
- ii) Completed professional certification program Python 3.4.3 Training – IIT Spoken Tutorial Bombay.
- iii) Completed professional certification program PHP and MySQL Training – IIT Spoken Tutorial Bombay.
- iv) Member in Board of Examinations, Anna University, Tirunelveli 2010-2012.
- v) Member in Board of Examinations, Madurai Kamaraj University 2017-Till Date
- vi) Member in Board of Studies, Fatima College, Madurai 2023-Till Date

DECLARATION

I hereby declare that the information provided in this form are true to the best of my knowledge and belief.

Signature of the Applicant