
OBJECTIVE:

To be associated with an organization which provides me the opportunity to learn and yield the twin benefits of both job satisfaction and a steady paced professional growth. And to work with a progressive institute where I can contribute my skills to enhance my own productivity while also achieving organizational goals in terms of time, quality and discipline.

EDUCATIONAL QUALIFICATION: M.sc., M.Phil., PhD(Pursuing)

S.No	Degree	Discipline	Institution	Class	Year of Passing
1	B.Sc	Computer Science	Sadakathullah Appa College, Tirunelveli	First Class with Distinction	2016
2	M.Sc	Computer Science	Sadakathullah Appa College, Tirunelveli	First Class with Distinction	2018
3	M.Phil	Computer Science	Sadakathullah Appa College, Tirunelveli	First Class with Distinction	2019
4	Ph.D	Computer Science	Manonmanium Sundaranar University.	Thesis Submission Status	Pursuing*

CERTIFICATION PROGRAMS

NPTEL : Python for Data Science
NPTEL : Big Data
NPTEL : Machine Learning
DCP : Diploma in computer programming
Hardware
and : System Trouble Shooting with Hardware and Networking
Networking

PROJECTS

Ph.D. (Funded by TANSICHE)

- ✓ Spine Vertebrae Segmentation and Reconstruction in CT Imaging for Virtual Reality Application
Domain – Digital Image Processing, Deep Learning, Virtual Reality.

M.Phil

- ✓ Machine Learning Algorithm for Detection of Diabetic Retinopathy
Domain - Digital Image Processing, Machine Learning

M.Sc

- ✓ Palm Print Recognition Using Neural Network
Domain - Digital Image Processing, Neural Network

B.Sc

- ✓ Online Personal Assistant
Domain - Web Application

AREA OF SPECIALIZATION

- ✓ Digital Image Processing
- ✓ Deep Learning
- ✓ Virtual Reality
- ✓ Internet of Things
- ✓ Big Data

ACHIEVEMENTS

- ✓ **Elite** in Python for Data Science conducted by NPTEL.
- ✓ Won **Second Prize** in “Paper Presentation” at ICAPO2017, An Intercollegiate Tech meet conducted by St.Xavier’s College, Tirunelveli.
- ✓ Won **First Prize** in “Software Marketing” at ICAPO2017, An Intercollegiate Tech meet conducted by St.Xavier’s College, Tirunelveli.
- ✓ Won **Third Prize** in “Paper Presentation” at INSTAFEST2k17, an National Level Technical Symposium conducted by Dr.Sivanthi Aditanar College of Engineering.
- ✓ Won **First Prize** in “Alpha Beta- Word hunt” at CROSSCOM’16, An State Level Technical Meet conducted by Holy Cross Home Science College. Thoothukudi.
- ✓ Won **Second Prize** in “Pseudo Trail- Stress Interview” at CROSSCOM’16, An State Level Technical Meet conducted by Holy Cross Home Science College. Thoothukudi
- ✓ Won **First Prize** in “Word Hunt-Quiz” at XPASO-2k16, A State Level Intercollegiate Tech meet conducted by St.Xavier’s College, Palayamkottai
- ✓ Won **Third Prize** in “Poster Presentation” at DAWN’s SIM15, National Level Technical And Cultural Symposium conducted by Francis Xavier Engineering College, Tirunelveli.
- ✓ Won **First Prize** in “Paper Presentation” at CATTs-2014, a Technical Symposium conducted by CMC Academy, Tirunelveli.
- ✓ Won **Second Prize** in “Quiz” at CATTs-2014, A Technical Symposium conducted by CMC Academy, Tirunelveli.

RESEARCH PUBLICATIONS:

A. Journal Publications (UGC/Scopus/SCI/Web of Science)

S. No.	Name of the Journal	Title of the Journal	Vol. No, Issue No, ISSN No, Month ,Year	Indexed
1	Webology	Conversion of 2D Medical Images into Virtual Reality Model - Survey	Vol. 18(6) 1735-188X 2021	Scopus
2	International Journal of Health Sciences	Three Dimensional Reconstruction of the Spine Computed Tomography (CT) Images from 2D CT Slices	Vol. 6(S3) 2550-696X 2022	Scopus

B. Other International Journals

S. No.	Name of the Journal	Title of the Journal	Vol. No, Issue No, ISSN No, Month ,Year	Indexed
1	International Research Journal of Engineering and Technology	Comparison of Preprocessing Methods for Diabetic Retinopathy Using Fundus Images	Vol. 6 (3) ISSN 2395-0056 March 2019	Google Scholar
2	SSRG International Journal of Computer Science And Engineering	A Comprehensive Analysis of Edge Detectors in Fundus Images for Diabetic Retinopathy Diagnosis	Special Issue ISSN 2348 - 8387 March 2019	Google Scholar
3	SSRG International Journal of Computer Science And Engineering	Segmentation of SD-OCT Images: A Comparative Study	Special Issue ISSN 2348 - 8387 March 2019	Google Scholar
4	Sadakath: A research Bulletin	Applications of Virtual Reality in Spine Disorder: A Review	2347-7644 Vol. 8(1) July, 2020	Google Scholar

PAPER PRESENTATION IN INTERNATIONAL CONFERENCE/SEMINAR

S. No.	Date	Program & Theme	Title of the Paper	Organized By
1	11.02.2015 & 12.02.2015	Recent Trends in Computer Science	Virtual Surgery	Sadakathullah Appa College, Tirunelveli
2	23.02.2017	National Level Conference on Advanced Computer Technology and Development	Z-Force Touch Screen Technology	Chendu College of Engineering & Technology, Chennai
3	21.02.2018	National Conference On Computational Intelligence (NCCI 2K18)	Finger Print and Palm Vein Recognition Using Neural Network	Sadakathullah Appa College, Rahmath nagar
4	18.03.2019	International Conference on Trends in Engineering Technology and Management (ICRTETM19)	A Comprehensive Analysis of Edge Detectors in Fundus Images for Diabetic Retinopathy Diagnosis.	PSN College of Engineering and Technology

5	18.03.2019	International Conference on Trends in Engineering Technology and Management (ICRTETM19)	Segmentation of SD-OCT Images: A Comparative Study	PSN College of Engineering and Technology
6	02.08.2019 & 03.08.2019	IASI Digisports Conference 2019	Applications of Virtual Reality	Hotel Sea View, Kanyakumari
7	09.08.2019 & 10.08.2019	International Conference on Soft Computing & Optimizing Techniques ICSO'19	Performance Analysis of SVM and PNN for Classification of Diabetic Retinopathy using Fundus Image	Kamaraj College, Tuticorin
8	09.01.2020 to 11.01.2020	International Conference on Recent Trends in Stochastic Modeling and Its Applications (ICRTSMA-2020)	A Survey on Virtual Reality Technology in Medical Application	Manonmaniam Sundaranar University, Tirunelveli
9	11.02.2022 & 12.02.2022	Two day International Conference on Recent Trends in Computing and Information Technology(RTCIT-2022)	Three Dimensional Reconstruction of the Spine Computed Tomography (CT) Images from 2D CT Slices	Sarah Tucker College, Tirunelveli

SEMINAR /WORKSHOP ATTENDED

S.No	Date	Title	Organized By
1	08.01.2014	National Seminar on "Image Mining – SIM 14"	Sadakathullah Appa College, Tirunelveli
2	10.01.2014	National Level Workshop on "Access to E-Resources through NLIST and Other Sources"	Sadakathullah Appa College, Tirunelveli
3	21.03.2014 & 22.03.2014	National Workshop on "Ethical Hacking cum Championship"	Sadakathullah Appa College, Tirunelveli
4	21.09.2016	State Level Workshop on "Segmentation, Feature Extraction & Classification using MATLAB"	Sadakathullah Appa College, Tirunelveli

5	07.02.2017 & 08.02.2017	National Seminar on “Quality Enhancement in the Contemporary Higher Education Scenario”	Sadakathullah Appa College, Tirunelveli
6	17.02.2017	State Level Workshop on “Android App Development”	Sadakathullah Appa College, Tirunelveli
7	17.08.2017	State Level Seminar on “Internet of Things (IoT)”	Sadakathullah Appa College, Tirunelveli
8	20.07.2018 & 21.07.2018	National Level Seminar on “Enhancing Professional Skills & Traits”	Sadakathullah Appa College, Tirunelveli
9	13.08.2018	Workshop on “Big Data Analytics”	Sadakathullah Appa College, Tirunelveli
10	28.09.2018	State Level Faculty Development Workshop on “Research Trends in Machine Learning”	Lady Doak College, Madurai
11	03.10.2018 & 04.10.2018	State Level Workshop on “Python with Data Science”	Sadakathullah Appa College, Tirunelveli
12	07.12.2018	Seminar on “Quality Research and Publications”	Manonmaniam Sundaranar University, Tirunelveli
13	11.02.2019 to 13.02.2019	Three days hands on training on “MATLAB and LabVIEW for Engineering Applications”	National Engineering College, kovilpatti
14	21.02.2019	National Workshop on “Machine Learning and Deep Learning Using Tensorflow”	Sadakathullah Appa College, Tirunelveli
15	22.03.2019	National Seminar on “Advanced Trends in Computer Science – ATCS 19 “	Sadakathullah Appa College, Tirunelveli
16	22.04.2019	Seminar on “Machine Intelligence”	Manonmaniam Sundaranar University, Tirunelveli
17	19.07.2019	International Workshop on “Writing Quality Research Papers – Publishing in Scopus & Care Approved Journals”	Manonmaniam Sundaranar University, Tirunelveli.
18	22.08.2019	International Seminar on “Recent Trends in Computing Technology”	Wavoo Wajeetha Women’s College, Kayalpatnam.
19	14.09.2019	National Workshop on “Writing Research Proposal for Funded Projects”	St.Mary’s College, Thoothukudi

WEBINARS/ONLINE FDP ATTENDED

S.No	Date	Title	Organized By
1	20.05.2020	FDP on “ Machine Learning and Artificial Intelligence in a brave New World”	Arupadai Veedu Institute of Technology(AVIT)
2	23.05.2020	Webinar on “ The Governance of Cyberspace: Co-Production of Cyber Security”	Dept.of.Criminology & criminal justice, MS University
3	23.05.2020	Deep Learning Implementation	PG & Research Department of Computer Science, Sadakathullah Appa College.
4	25.05.2020 To 29.05.2020	Online FDP on” Augmented Reality & Virtual Reality”	IIT, Patna
5	27.05.2020	IOT Technology and Its Applications	SLS.MAVMM.Ayira Vaisyar College, Madurai
6	05.06.2020	Webinar on “Hands on Experience on IoT with Cisco Packet Tracer	Dept of ECE, Sree Dattha Institute of Engineering and Science, Sriguda
7	06.06.2020	Webinar on “Studies Abroad: Lights of Vision”	Dept of Information Technology, Sadakathullah Appa College.
8	10.06.2020 to 15.06.2020	Six days FDP on “Research Perspectives in Medical Image Processing”	Dept of ECE, Kalaingarkarunanidhi Institute of Technology, Coimbatore
9	17.06.2020	Webinar on “Towards Successful Publication of Research Work”	Dept of CSE, KLE Dr.M.S.Sheshgiri College of Engineering & Technology, Belagavi.
10	19.06.2020 to 21.06.2020	FDP on “Role of Latex in Scientific Writing”	Babu Banarasi Das Northern India Institute of Technology, Lucknow
11	24.06.2020	Webinar on “ Virtual Reality & Its Applications”	PG Dept of Computer science, The New College, Chennai.
12	29.06.2020	Webinar on “ Research Experience on Digital Tools”	Dept of Computer Science, Sarah Tucker College, Tirunelveli.

13	29.06.2020 to 04.07.2020	Six days Webinar Series on “Emerging Technologies of Fourth Industrial Revolution(4IR): A Practical Approach to Theoretical Conversion”	Department of Software Engineering, SRM Institute of Science and Technology, Chennai.
14	10.07.2020 to 14.07.2020	FDP on “ Artificial Intelligence”	Yogananda College of Engineering & Technology, Jammu
15	13.07.2020 to 18.07.2020	FDP Webinar Series III UGC STRIDE COMPONENT 1 on “Capacity Building of Young Talent in Transdisciplinary Research for a Sustainable Development”	Center for Research & Publications, Holy Cross College, Tiruchirapalli.
16	14.07.2020 to 18.07.2020	FDP on “Application of Image Processing”	Dept of IT, St.Joseph’s College of Engineering & National Centre for Coastal Research, Chennai
17	07.06.2021	Machine learning and Artificial Intelligence	Sadakathullah Appa College, Tirunelveli
18	17.06.2021	Recent trends in IoT	Sadakathullah Appa College, Tirunelveli
19	24.06.2021	A Technical Journey Towards e-commerce World	Sadakathullah Appa College, Tirunelveli
20	25.06.2021	Artificial Intelligence	Sadakathullah Appa College, Tirunelveli
21	09.10.2021	Social Responsibility & Big Data in Politics	K.R.College of Arts and Science,KovilPatti

ONLINE TRAINING PROGRAM DETAILS

S.No	Date	Title	Organized By
1	22.04.2020	Certificate course in Big Data Architecture	Amity Future Academy, Amity University
2	23.04.2020	Certificate course in Data Science	Amity Future Academy, Amity University
3	28.04.2020	Certificate course in Machine Learning & Deep Learning	Amity Future Academy, Amity University

OTHER ACTIVITIES

- ✓ Student member of our college National Conference Editorial Committee.
- ✓ Student coordinator and Master of Ceremony for most of our department functions.
- ✓ Student Representative in Students Council of Sadakathullah Appa College for the year 2013-2014 and 2015-2016.

PROFESSIONAL ACTIVITIES:

- ✓ Active peer reviewer for journal publication.
- ✓ Active peer reviewer for book publishers.

PERSONALPROFILE

Date of Birth : 31.12.1995
Gender : Female
Marital Status : Unmarried
Language Proficiency : English and Tamil(Read/Write/Speak)
Nationality : Indian
Father's Name : Mr.M.S.Jafferdeen
Mother's Name : Mrs. J.Meeral
Contact Number : +91 8754745622
Email Id : aashikameera@gmail.com
Address : No – 14, AK Garden, Melapalayam,
Tirunelveli - 627005

DECLARATION

I hereby declare that the details furnished above are true and correct to the best of my knowledge.



(J.Aashikathulzuberiya)