

BIO DATA

Name : V. Anitha
Designation : Assistant Professor
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1. PERSONAL DETAILS:

Date of Birth & Age : 12.07.1990 & 31
Sex & Marital Status : Female & Unmarried
Nationality : Indian

Qualification : M.E.

Degree	Programme and Specialization	Class /CGPA	Month & Year of Passing	Institute/University
B.E.	Information Technology	First Class with Distinction	April 2011	National Engineering College, Kovilpatti.
M.E	Computer Science and Engineering	First Class with Distinction	June 2013	National Engineering College, Kovilpatti.
Ph.D	Information and Communication Engineering	-	Pursuing	Anna University, Chennai

Professional Experience :

Designation	Institution/ Organisation	Period	Nature of Duties
Assistant Professor	National Engineering College, Kovilpatti	07.05.2013 Onwards	Teaching

Date of joining in Present Institution : 07-05-2013
Present status : Assistant Professor

Courses taught:

Course Title	U.G. or P.G.
1.Fundamentals of Computing and Programming in C 2.Computer Organization and Architecture 3.Computer Networks	U.G

4.Green computing 5.Professional Ethics and Human Values 6. Green IT 7. Social Computing 8. Software Quality Assurance 9. C Programming for Engineers 10. M-Commerce 11. Enterprise Mobility 12. Problem Solving Techniques 13.Software Project Management 14.Operating Systems 15.Machine Learning	
1. Research Methodology and IPR	P.G

2. ACADEMIC ACHIEVEMENTS:

2.1 Short term Courses / Seminars / Conference/ Workshops organized:

S.No	Programme	Dates	Responsibility
1	Two days Hands on Training on Embedded System Design using ARM & PIC Microcontroller	24.08.2015 & 25.08.2015	Co-Cordinator
2	Three days hands on training on Embedded System Design Using Arduino Processors	29.08.2016 To 31.08.2016	Co-Cordinator
3	Three days hands on training in Development of Internet of Things Applications across Industries	16.08.2017 To 18.08.2017	Co-Cordinator

2.2 Short term Courses / Seminars / Conference/ Workshops Attended:

S. No	Title	Programme	Date	Venue
1.	Programming Practice on Image processing using MATLAB	Workshop	19-9-2013 & 20-9-2013	National Engineering college, Kovilpatti
2.	Research Issues & Challenges in Cloud Computing & Big data Analysis	Seminar	22.5.2014	National Engineering College
3.	ISTE-Empowering Indian Engineering Education for global Explorations	Convention	7.11.2014 & 8.11.2014	National Engineering College
4.	IT2401- Service Oriented Architecture	FDTP	9.6.2014 To 15.6.2014	National Engineering College
5.	Big data & Cloud: Converging Technologies	Workshop	11.12.2014 To 13.12.2014	Mepco Schlenk Engg College,Sivakasi
6.	NPTEL	Workshop	13.03.2015	National Engineering College
7.	Implementation of Soft Computing Techniques	Workshop	05.08.2015 To 07.08.2015	National Engineering College

8.	Centre for FDTP Anna University “IT 6503 – Web Prog ramming on	FDTP	06.06.2016 To 12.06.2016.	National Engineering College
9.	FDTP on Computer Networks	FDTP	12.12.2016 To 18.12.2016	Mepco Schlenk Engg College
10.	Tool Kit for Classroom Engineering organized by NITTTR	Training Programme	22.05.2017 To 27.05.2017	National Engineering College
11.	Technology Enabled Learning organized by NITTTR	Training Programme	27.05.2017 To 30.05.2017	National Engineering College
12.	Advance Level Course On Remote Sensing Image Processing And Analysis	MHRD- GIAN Course	16.11.2017 To 20.11.2017	National Institute of Technology Karnataka, Surathkal, Mangalore
13.	Teaching Learning Pedagogy	FDP	03.12.2018 To 05.12.2018	IIT Madras
14.	Introduction to Python Programming	FDP	01.08.2019 To 03.08.2019	ICT Academy - National Engineering College
15.	Business Analytics and its Applications using R	Workshop	28.09.2019 To 02.10.2019	National Institute of Technology, Trichy
16.	Machine Learning and Data Science for Engineering Applications	FDP	05.06.2020 To 10.06.2020	Shadan College of Engineering and Technology
17.	Research Perspective in Futuristic Computing Technologies	FDP	06.07.2020 to 10.07.2020	Dayananda Sagar University, Bengaluru
18.	Machine Learning using Python	FDP	09.07.2020 To 11.07.2020	National Institute of technology, Karnataka, Surathkal
19.	Teaching technical computing through interactive methods MATLAB and Simulink - through ICT	FDP	30.07.2020 & 31.07.2020	ICT ACADEMY - National Engineering College

20.	Predictive Intelligence Models and its Applications	ATAL FDP	12.07.2021 - 16.07.2021	National Engineering College.
21.	Healthcare Data Analytics using Artificial Intelligence and Machine Learning	ATAL FDP	13.12.2021 17.12.2021	College of Engineering Pune, Maharashtra.

3. PUBLICATIONS:

Journal publications

International Journals	:	05
International Conference	:	05
National Conference	:	03

3.1 Journal Publications

S. No	Title of the paper	Authors	Journal	Volume, Pages Year
1.	Road Segmentation From Remote Sensing Images Using Fuzzy Based Convolutional Neural Network	Hepzibah.J Anitha. V Kalaiselvi.S Gomathi. V	American Institute of Physics	https://doi.org/10.1063/5.0078336 , 2444, 040007, March, 2022
2.	Intelligent Sales Prediction Using ARIMA Techniques	A.Saranya K.Sushmitha D.Jothi Deetshiha K.N.Maniknadan S.Dharani Anitha. V Kalaiselvi.S Gomathi. V	American Institute of Physics	https://doi.org/10.1063/5.0078379 , 2444, 040006, March, 2022
3.	HyperSpectral Satellite Image Classification Using Convolutional Neural Network for Crop Analysis	Abarna. S Hemalatha. S Poojaa. M Anitha. V Kalaiselvi.S Dr.D.Manimegalai	GIS science journal	ISSN No : 1869-9391, Volume 8, Issue 3, 2021
4.	Smart doorbell for blind Using IOT	Habi bala. P, Keerthana. P, Anitha. V, Priyadharshini. R	International research journal of multidisciplinary Technovation (IRJMT)	pp: 80-87, Jan 25, 2019
5.	Wireless Smart Device for Woman Safety Based on IoT	Amritha.N Kanchana Maheswari.A Nagalakshmi.C Veeralakshmi.S V.Anitha	International research journal of multidisciplinary Technovation (IRJMT)	pp: 110-116, Jan 25, 2019

3.2 International Conference Publications

S. No	Title of the paper	Authors	Name of the conference	Venue	Pages Date
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1.	Deep Learning with CNN based Scene Classification	Kogila.K Umamaheswari.S Anitha.V	International Conference on Applied Science Engineering and Technology	Sengunthar Colelge of Engineering	16.03.2018 To 17.03.2018
2.	Wireless Smart Device for Woman Safety Based on IoT	Amritha.N Kanchana Maheswari. A Nagalakshmi. C Veeralakshmi. S V.Anitha	International Conference on Trends in Engineering, Technology and Management (ICRTETM-2019)	PSN College of Engineering and Technology	18.03.2019
3.	Remote sensing based Land usage and Land coverage change prediction using Hybrid models	Janani. N Priyanka. M Sharmila Priya. S Anitha. V	International Conference on Mathematical Sciences	Sathyabama University	04.03.2020 To 06.03.2020
4.	Convolutional neural network for remote sensing Classification	Abarna. S Hemalatha. S Poojaa. M Anitha. V Kalaiselvi.S Dr.D.Manimegalai	International e-conference on Recent advances in computation, Communication, internet of things And artificial intelligence	M. Kumarasamy College of Engineering, Karur	31.03.2021 & 01.04.2021
5.	Convolutional neural network for remote sensing Classification	Hazeena Mariyam Fathima. F Maha Lakshmi. M Padma Pooja. N Anitha.V Kalaiselvi. S	International Conference on Smart Technologies and Applications (ICSTA 2022)	Department of CSE, Ramco Institute of Technology	11.03.2022 & 12.03.2022

3.3 National Conference Publications

S.No	Title of the paper	Authors	Name of the conference	Venue	Pages Date
1.	Registration of Remotely sensed data using SIFT and fuzzy c-means clustering	Ms.V.Anitha Dr.K.G.Srinivasagan Ms.S.Kalaiselvi	MEPCOIT'13	Mepco Schlenk Engineering College, Sivakasi.	04.04.2013
2.	Clustering based Registration of Remotely sensed data	Ms.V.Anitha Dr.K.G.Srinivasagan Ms.S.Kalaiselvi	VISION'13	Government College Of Engineering, Tirunelveli.	18.04.2013
3.	Segmentation of Remotely Sensed data using Self Organizing Map(SOM) Technique	Ms.V.Anitha T.Amrithaa M.Sathya A.Smilien Rophie	NCACT'14	Kalasalingam University, Tamil Nadu.	27.03.2014

4. ONLINE CERTIFICATION COURSES COMPLETION:

S.No	Name of the Course	Organizer	Score	Academic Year
1.	Introduction to Research	NPTEL	53%	2015 -2016
2.	C Programming	Sololearn	Certified	2019-2020
3.	Ethics in Engineering Practice	NPTEL	83%	2019-2020
4.	Introduction to Psychology	Course Era	92%	2020-2021
5.	Remote Sensing and GIS	NPTEL	69%	2020-2021
6.	Corporate Social Responsibility	NPTEL	70%	2021-2022

5. ONGOING FUNDED PROJECTS:

S.No	Name of the Project	Name of the Funding Agency	Amount Received	Status	Academic Year
1.	Bus Seat Availability Detection System	NewGen – IEDC	Rs, 2,50,000	Ongoing	2019-2020

6. INDUSTRIAL TRAINING:

S.no	Title	Organized by	Date	Venue
1.	Train the Trainer (TTT) on FP 4.0 Focus Area 2 - Database	Infosys	02.11.2015 To 04.11.2015	National Engineering College
2.	Data Analytics for Physical Systems	TCS	09.10.2018	TCS Innovation Lab, IITM research park, Chennai
3.	TORUS platform	Global Software Solutions	10.09.2019 To 14.09.2019.	GSS, Tirunelveli
4.	Low Code Software Development	Global Software Solutions	05.04.2021 To 09.04.2021	GSS, Tirunelveli