PERSONAL DETAILS AND AFFILIATION

Name of the Faculty Member	C. K. Balasundari
Designation	Assistant Professor
Department	Electronics and Communication Engineering
Date of joining the institution	5th July, 2023
Date of Birth	31st July, 1991
Address for Communication	39/D, 6th street, Rajiv Nagar, Kovilpatti-628501, Tuticorin District
Email ID	balasundari-ece@nec.edu.in

EDUCATIONAL QUALIFICATION

S.NO.	QUALIFICATION	INSTITUTION STUDIED	UNIVERSITY / BOARD	YEAR OF PASSING
1	B.E. (ECE)	P. S. R. Engineering College, Sivakasi	Anna University	2012
2	M.E.(VLSI Design)	Mepco Schlenk Engineering College, Sivakasi	Anna University	2014
3	Ph.D(pursuing)	Dr.Sivanthi Aditanar College of Engineering, Tiruchendur	Anna University	-

EXPERIENCE

S.NO.	NAME OF THE INSTITUTION / ORGANIZATION	POSITION HELD	FROM	TO	EXPERIENCE Y	EXPERIENCE M
1	Dr.Sivanthi Aditanar College of Engineering, Tiruchendur	Assistant Professor	02/07/2014	30/06/2020	6	0
2	Mistral Solutions Pvt Ltd, Bangalore	Intern-Hardware Design	04/04/2022	07/10/2022	0	6
3	Sri Shanmugha College of Engineering and Technology	Assistant Professor	19/10/2022	28/06/2023	0	8

LIST OF INTERNATIONAL JOURNAL PUBLICATIONS

1	Published a research paper title "A Novel Message Verification System for Vehicular Interaction Network Using EMAC Algorithm " in IJAER, Volume 10, no. 7, 2015.
2	Published a research paper title "Analysis of Carry Select Adder Using Zero Carry Look Ahead Adder" in IJIRCCE, Volume 4, issue 4, April 2016
3	Published a research paper title "Diagnosing Retinal Diseases Using Image Processing Techniques" in IJIRCCE, Volume 4, issue 3, March 2016

LIST OF NATIONAL CONFERENCE PUBLICATIONS

1	Presented a paper in the "National conference , in topic Fuzzy logic based PID controller transportation system" in Dr.Sivanthi Aditanar College of Engineering, Tiruchendur,2017
2	Presented a paper in the "International conference , in topic Radix-4 real valued FFT" in PSR Engineering college,Sivakasi,2017
3	Presented a paper in the "National conference , in topic Implementation of ABS using Fuzzy logic in Dr.Sivanthi Aditanar College of Engineering, Tiruchendur,2018
4	Presented a paper in the "National conference , in topic Design of DIF-FFT Architecture using Floating point arithmetic" in PSR Engineering college,Sivakasi, 2016
5	Presented a paper in the "National conference , in topic Early Detection of Retinal Diseases using Image Processing Techniques" in Dr.Sivanthi Aditanar College of Engineering, Tiruchendur,2016
6	Presented a paper in the "International conference , in topic Synthesis And Implementation Of Floating Point Arithmetic Based Cordic For Adaptive Fft Processor" in International Conference held at Karpagam College of Engineering,Coimbatore,2014
7	Presented a paper in the "National conference , in topic Fingerprint Matching For Voting System Using Steganography" in in CK College of Engineering and Technology, Cuddalore,2012

WORKSHOPS/SEMINARS/CONFERENCES/TRAINING PROGRAMMES ORGANIZED

S.NO.	NAME OF THE PROGRAMME & VENUE	DATES WITH DURATION	NO. OF PARTICIPANTS	RESPONSIBILITY
1	-	-	-	-

WORKSHOPS/SEMINARS /TRAINING PROGRAMMES ATTENDED		
S.NO.	NAME OF THE PROGRAMME & VENUE	DATES WITH DURATION
1	FDP on RF circuits & Antenna Design using ADS in MepcoSchelenkEngineeringCollege Sivakasi	06/07/2016 to 10/07/2016-5days
2	FDP on Embedded Systems using ARM7 Microcontroller in Dr.SivanthiAditanar College of Engineering, Tiruchendur.	01/12/15 & 02/12/15- 2days
3	FDP on EC6502-Principles of DSP in NationalEngineeringCollege,Kovilpatti	25/05/2015 to 01/06/2015-7days
4	FDP on EC6403-Electromagnetic Fields in Sri Vidya College of Engineering & Technology, Virudhunagar	16/12/2014 to 23/12/2014-7days
5	Workshop on ARM architecture & interfacing practice in Dr.SivanthiAditanar College of Engineering, Tiruchendur.	04/10/2019 & 11/10/2016
6	Workshop on Research avenues of ECE in Dr.SivanthiAditanar College of Engineering	24/08/2018 & 25/08/2018
7	Workshop on Controllers & communication systems using LABVIEW in Dr.SivanthiAditanar College of Engineering	01/04/2017
8	Workshop on Signal & image processing in Dr.SivanthiAditanar College of Engineering	29/09/2016
9	Workshop on ARM7 With hands on training in Dr.SivanthiAditanar College of Engineering	29/09/2015 & 30/09/2015
10	Workshop Software defined radio on in Dr.SivanthiAditanar College of Engineering	30/01/2015
11	Workshop on Industry Orientation Workshop on Software skills and Hardware skills for Industry Needs. in Dr.SivanthiAditanar College of Engineering	10/12/2015
12	Workshop on Embedded system using ARM microcontroller in Dr.SivanthiAditanar College of Engineering	01/12/2015 & 02/12/2015
13	Workshop on ARM processor architecture in Dr.SivanthiAditanar College of Engineering	09/08/2014

14	Workshop on Digital Image Processing & Its Applications in P.S.R.EngineeringCollege	2011
15	Seminar on Trends in Antenna Design and Applications in Dr.SivanthiAditanar College of Engineering	11/04/2016
16	Seminar on Clustering Techniques in Fuzzy Sets & Systems in UniversityV.O.CCollege of Engineering, Thoothukudi.	30/10/2015
17	Seminar on Bio-Medical Signal/Image Processing For Diagnosis Of Diseases in MepcoSchlenkEngineeringCollege,Sivakasi	2014

SIGNATURE