

GOVERNMENT COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
TIRUNELVELI – 627 007.

1. Name in full (in Capital Letters) : M.MAHIL
2. Designation : Assistant Professor
3. Date of joining the present post : 2.4.2013
4. Date of joining the institute : 2.4.2013
5. Date of Birth :23.10.1977
5a. PAN Number : BAJPM8535Q
5b. Aadhar No. : 2680 7993 9612
5c. Scale of pay :15600-39100-PBS-GP-6000



6. Address :

a) Permanent Address: 3-181/6, Amman Street, Anandhan Nagar, Asaripallam, Kanya Kumari Dist-629201	b) Communication Address with Phone No./ Mobile No. /E.mail ID : AP/CSE, Government College of Engineering, Tirunelveli – 627007 Mobile No. 9486795160 Email ID:mahil@gcetly.ac.in
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7. Educational Qualification (Starting from basic degree) :

Degree	Area of Specialization	Institute/ University	Month & Year Of passing	Class
B.E	CSE	C.S.I. Institute of Technology, Thovalai	APR 1999	First
M.E	CSE	Manonmaniam Sundaranar University	APR 2007	First with Distinction
Ph.D	I & C Engg Cloud Computing	Anna University	March 2022	–

8. Experience (Starting from current position):

a) Academic:

Period		No. of years	Designation/Nature of job	Institute/organization
From	To			
02.04.2013	Till date	9 Yrs 7 months	Assistant Professor	Government College of Engineering, Tirunelveli
18.6.2007	31.12.2012	5 Yr 6 months	Assistant Professor	PET Engineering College, Vallioor
July 2004	Apr 2005	9 months	Lecturer	SUN College of Engineering And Technology, Nagercoil.
Jan 2001	Oct 2003	2 years 10 months	Lecturer	Jayamatha Engineering College, Aralvaimozhi

b) Research:

Period		No of years	Designation/Nature of job	Institute/organization
From	To			

c) Industrial:

Period		No. of Years	Designation / Nature of job	Institute / Organization
From	To			

9. Publications

9.1 Publications in journals:

Sl. No.	Title	Authors	Name of the Journal	National/International	Year/Vol.
1	AN INTELLIGENT TECHNIQUE FOR EFFICIENT RESOURCE UTILIZATION IN CLOUD DATA CENTERS	Preethi Dr. M. Mahil	Journal of Fundamental & Comparative Research	National	Vol. VIII, No. 1(XXV) : 2022
2	Combined particle swarm optimization and Ant Colony System for energy efficient cloud data centers	M.Mahil Dr. T. Jayasree	Concurrency and Computation: Practice and Experience	International	Volume 33, Issue 10 25 May 2021

3	Load Balancing in Cloud Computing using Hybrid Artificial Bee and Ant Colony System	Rajalakshmi N M.Mahil	International Journal for Science and Advance Research in Technology (IJSART)	International	Volume 6 Issue 1 – JANUARY 2020
4	Energy-aware Resource Allocation in Cloud using Heuristics Algorithm	Meenaga R M. Mahil	Journal of Applied Science and Computations	International	Volume VI, Issue V, May 2019
5	Malware Detection in Virtual Machine using one class Support Vector Machine	Sartha Banu M.Mahil	International Journal of Engineering Science and Computing	International	2017 / Vol. 7
6	Clustering Based Task Deployment using Bayes Hypothesis in Cloud Computing	Suvitha M.Mahil	International Journal of Engineering Science and Computing	International	2017 / Vol.7
7	Resource Provisioning and scheduling in clouds based on timeframe using Particle Swarm Optimization	N. Rupavathy M. Mahil M.S. Mumtaj Zareena	i-manager's journal on Information Technology	National	Vol 4, No. 3 Sep – Nov 2014
8	Dynamic Resource Allocation for Green Clouds	M.S. Mumtaj Zareena M.Mahil N. Rupavathy	i-manager's journal on Information Technology	National	Vol 4, No. 3 Sep – Nov 2014

9.2 Publications in conferences:

S.NO	Title	Name of the conference	Authors	National/ International	Year/Vol.
1.	Ant Colony System with Adaptive Threshold Technique for server consolidation in Green Cloud	Emerging Trends in Engineering & Technology(ICETET 2K16)	M.Mahil Dr.T.Jayasree	International	2016
2	An Energy Aware Load Balancing system based on Firefly Algorithm in Cloud	Innovative Computing Techniques and Applications(NCICTA'16)	Surya M.Mahil	National	2016

9.3 Books /Course Material Published:

S.No	Title	Author (s)	Publishers	Year
1.				
2.				

10. Academic Research guidance / Supervisor ship:

Name of Research Scholars	Course / M.Phil / Ph.D	Area of Research / Work	Status

11. Sponsored Project done :

a) R & D Project:

Title	Sponsoring Agency	Year	Details of Project	Responsibility	Amount Sanctioned Rs. Lakhs

b) Consultancy Project:

Nature of work	Interacted Industry /Institute	Year	Details	Facilities utilised / coworkers	Revenue Earned

12 a) Seminars / Schools / Conferences/ Workshops Organized:

S.No	Title	Co-ordinators	Organised By	Month &Year
1	Next Generation CyberSecurity through BlockChain	M. Mahil N. Jeenath Laila	Government College of Technology, Coimbatore and Government College of Engineering, Tirunelveli	September 2022
2	Web development by Django	M. Mahil	Govt. College of Engineering, Tirunelveli	May 2022
3	Time Management	M. Mahil	Govt. College of Engineering, Tirunelveli	October2021
4	Introduction to Micro Services	M.Mahil	Govt. College of Engineering, Tirunelveli	June 2020
5	Data handling and Data Visualization Using Python	M.Mahil	Govt. College of Engineering, Tirunelveli	July 2020
6	Problem solving and python programming	M.Mahil	Govt. College of Engineering, Tirunelveli	August 2017

b) Seminars / Schools / Conferences / Workshops Attended:

S.No	Name of the Course	Conducted By	Period
1.	Microsoft Azure AI Associate	ICTACT	25-4-2022 to 29-4-2022
2	IP Awareness	Intellectual Property Office, India	8-4-2022
3	AICTE Training and Learning (ATAL) Academy Online FDP on "A Pedagogy for Effective use of the 5G Communication Network for Cloud Applications."	J N N college of Engineering, Shimoga.	2021-7-13 to 2021-7-17 (5 days)
4	AICTE Training and Learning (ATAL) Academy Online FDP on "Social and Bio-Inspired Cyber Threat Intelligence Defense Systems"	Sree Vidyanikethan Engineering College.	23/08/2021 to 27/08/2021 (5 days)
5	AICTE Training and Learning (ATAL) Academy Online FDP on "QUANTUM COMPUTING"	Government College of Engineering, Thanjavur	2021-06-21 to 2021-06-25
6	Ministry of Human Resource Development- Pandit Madan Mohan Malaviva – National Mission on Teachers and Training sponsored Two weeks FDP on “Managing Online Classes and Co-creating MOOCS 2.0”	Ramanujan College, University of Delhi	18/5/2020 to 3/6/2020 (2 weeks)
7	AICTE Training and Learning (ATAL) Academy Online FDP on “Cyber Security”	National Institute of Technology, Nagaland	1/6/2020 to 5/6/2020 (5 days)
8	Three weeks Industrial Training on “Communication and Networking Technologies”	Rajiv Gandhi Memorial Telecom Training Centre, BSNL, Chennai	8/6/2020 to 26/6/2020 (3 weeks)
9	Ministry of Human Resource Development- Pandit Madan Mohan Malaviva – National Mission on Teachers and Training sponsored Two weeks FDP on “Advanced Concepts for Developing MOOCS”	Ramanujan College, University of Delhi	2/7/2020 to 17/7/2020 (2 weeks)
10	Data handling and Data Visualization Using Python	Govt. College of Engineering, Tirunelveli	6/7/2020 to 10/7/2020 (5 days)
11	Two day workshop on “Aligning Yourself to the Publishing Process”	Elsevier	23/7/2020 and 24/7/2020 (2 days)

12	AICTE Training and Learning (ATAL) Academy Online FDP on “Big Data Analytics with Deep Learning”	Poornima Institute of Engineering and Technology, Rajasthan	18/8/2020 to 22/8/2020 (5 days)
13	AICTE Training and Learning (ATAL) Academy Online FDP on “Cloud Technology”	Government College of Engineering, Gandhinagar, Gujarat	2/11/2020 to 6/11/2020 (5 days)
14	AICTE Training and Learning (ATAL) Academy Online FDP on Internet of Things	University of Mizoram, Mizoram	1.2.2021-5.2.2021
15	Two days International workshop on “Writing Quality Research Papers – Publishing in Scopus and Care approved journals”	Manonmaniam Sundaranar University, Tirunelveli	19.7.2019 to 20.7.2019
16	AICTE Sponsored Six Days Short Term Training Program (STTP) on “Dissemination of Innovative Technology in IOT based cyber Forensics and Guidance for Patent Filing ”	FX College of Engineering, Tirunelveli	25.11.2019 to 30.11.2019
17	NPTEL Online course on “Cloud Computing” (1 week FDP)	NPTEL	August to October 2019
18	TEQIP III sponsored - Two day FDP on “Design, Develop and Deliver online courses through MOODLE platform”	Coimbatore Institute of Technology, Coimbatore	23/4/2020 and 24/4/2020 (2 days)
19	Problem solving and python programming	Government College of Engineering, Tirunelveli	11.08.17 – 18.08.17
20	Internet of things in Engineering Applications	Government College of Engineering, Tirunelveli	13.02.17
21	Big data analysis	Francis Xavier Engineering College	15.06.16 – 25.06.16
22	Pedagogy-Advanced teaching learning methodologies.	ISTE staff chapter of GCE, Tirunelveli	27.10.15
23	Computer Networking	Two week ISTE workshop by IIT, Bombay.	28.05.14-05.07.14
24	Latest technologies in engineering education.	ISTE staff chapter of GCE, Tirunelveli	08.07.13 & 09.07.13
25	Training in cloud computing, LAN trainer & campus wide networking.	GCE, Tirunelveli	01.07.13 – 06.07.13
26	Operating System Design	St.Xavier’s Catholic College of Engineering, Nagercoil	21.2.14 & 22.4.14

13. a.Special / Invited Lectures Delivered:

S.No	Topic	Area	Delivered at	Year / Date	Remarks
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1	Big Data Storage using Hadoop	Big Data Analytics	St. Xaviers Catholic College of Engineering	20-Nov-2019	-
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b. Resource persons for various events

S.No	Organization	Purpose	Acted as	Date
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14. Membership in professional societies:

Name of the Society	Details of Membership	Nature of Tech. activities
ISTE	Life Time Member	Participation in ISTE workshops

15. Prizes, Medals and honors received, if any:

Details of award	Awarded for the work	Date
SIH Winner 2022	Mentor	26-8-2022
IBM Participation	Project Build-a-thon	Aug 2022 to Sep 2022

Contribution to the College:

Date of Joining	Years of Experience	Responsibilities held	Nature of activities for the betterment of College
2-4-2013	9 years 7 months	Website In-charge	Website Maintenance

Contribution to the Department:

Date of Joining	Years of Experience	Responsibilities held	Nature of activities for the betterment of College
2-4-2013	7 years 7 months	Department Time Table In-charge	Department Class Time Table and Practical Exam Time Table are prepared and maintained
		Faculty In-charge	2016-2020 Batch 2020-2024 Batch
		Committee member	Worked in various committees like Invitation distribution and video and photograph in-charge in Graduation Day Worked as purchase committee member

16. a).Faculty travel for official purpose:

S.No	Purpose	Period	Place
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16.b). Industrial Visits

Sl. No.	Date	Name of the Industry	Remarks
1	16-2-2018	Digital Core Technology, Kakkanad, Cochin.	-
2	3-10-2018	ISRO Propulsion Complex, Mahendragiri	-
3	8-02-2019	LikeMind Technologies, Ooty.	-
4	1-10-2019	Miru IT Park, Nagercoil	-
5	30.5.2022	Miru IT Park, Nagercoil	-