K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215.
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FACULTY PROFILE

01. **Name** : **Mrs.M.K Nivodhini**

02. **Designation** : **Assistant Professor**

03. **Date of Birth** : **09/09/1988**

04. **Date of Joining** : **01/07/2013**

05. **Qualification** :

S. No.	Name of the Degree	Specialization	Name of the Institution / University	Name of the University	Year of Admitted	Year of Completed	Class & % of Marks
1.	Ph.D	ICE	Anna University, Chennai	Anna University, Chennai	2022	-	-
2.	M.E	CSE	Kongu Engineering College, Perundurai	Autonomous	2011	2013	I(Distinction) & 8.8
3.	B.E	CSE	Kongu Engineering College, Perundurai	Anna University, Chennai	2006	2010	I(Distinction) & 85.0

06. Experience, Promotion & Designation Details (Chronological):

a. Teaching:

Sl. No.	Name of the Institution	Designation	Nature of work	Period From	Period To
1	K.S.R College of Engineering, Tiruchengode.	Assistant Professor	Teaching	01-July-2013	Till date
Total year of Experience(s)				10 years	

b. Industry:

Sl. No.	Name of the Organization	Designation	Nature of work	Period From	Period To
-	-	-	-	-	-
Total year of Experience(s)				**-**	

07. Publication Details:

a. Conference Details:

National:

Sl. No.	Title of the Research paper	Name of the author(s)	Publisher / Journal Name	Month & Year of publication	DOI & ISSN No.	IF / SJR / SNIP / H index / K index
2012-2013						
1.	Modified Schecduling algorithms in Haizea	M.K.Nivodhini K.Kousalya S.Malliga	GCT, Coimbatore	March 2013	-	-
2016-17						
1	Enhanced Real-Time Charging Station Recommendation System For Load Base Electric-Vehicle Taxis	M.Gomathi ,M.K.Nivodhini, P.Balamurugan, V.Sharmila	Nandha Engineering College	March 2017	-	-

International:

Sl. No.	Title of the research paper	Name of the author(s)	Publisher / Journal Name	Month &Year of publication	DOI & ISSN No.	IF / SJR / SNIP / H index / K index
2012-2013						
1.	Algorithms to improve scheduling techniques in IaaS cloud	M.K.Nivodhini K.Kousalya S.Malliga	IEEE Digital Library	2013	978-1-4673-5788-3/13/	-
2.	Algorithms to improve resource request acceptance rate in IaaS cloud scheduling	M.K.Nivodhini K.Kousalya S.Malliga	PSG Tech, Coimbatore	2013	-	-
2017-18						
1.	On The Security Of Data Access Control For Multi	M.K.Nivodhini, P.Vasuki, Kiruthika K,	Nandha Engineering College	March 2018	-	-

	Authority Cloud Storage Systems	Lokesh P N, Sangeetha C, Suriya Kumar S				
2018-19						
1.	Identifying Anonymous Users Across Multiple Social Networks	B. Manikandan, R. Manikandan, P. Monesha, S. Pradeep kumar, P. Vasuki, M. K. Nivodhini	Sengunthar Engineering College	March 2019	**-**	**-**
2019-20						
1	Cryptographic Approach to Securely share and Protect genomic data	M.K.Nivodhini P.Vasuki R.Vishnu J.Santosh kumar R.Rahulraja	International Conference ICDSBD 2020	22ndFeb 2020	-	-

b. Journal Details:

National:

Sl. No.	Title of the research paper	Name of the author(s)	Publisher / Journal Name with full Expansion	Month &Year of publication	DOI & ISSN No.	IF / SJR / SNIP / H index / K index
-	-	-	-	-	-	-

International:

Sl. No.	Title of the research paper	Name of the author(s)	Publisher / Journal Name with full Expansion	Month &Year of publication	DOI & ISSN No.	IF / SJR / SNIP / H index / K index	Impact Factor
2013-2014							
1	Removing rain streaks from the video using MCA algorithm	M.K.Nivodhini K Yugashini	International Journal of Engineering Research & Technology	Nov, 2013	2278-0181 Volume 2, Issue 11	-	-
2016-17							
1	Enhanced Real-Time Charging Station Recommendation System For Load Base Electric-Vehicle Taxis	M.Gomathi, M.K.Nivodhini, P.Balamurugan, V.Sharmila	South Asian journal of Engineering and Technology	March 2017	Vol.3, No.5 (2017) 124–129	-	-
2017-2018							
1	Data Leakage	P.Vasuki,	International	March	Vol 7	-	-

	Detection Using Fake Data for Identifying Guilty Agents	M.K.Nivodhini N.Ajay, T.Hariharan, J. B.Belshick Megason, M.Jagadesh Kumar	Journal of Engineering Research & Technology (IJERT)	2018	No 3		
2	On The Security Of Data Access Control For Multi Authority Cloud Storage Systems	M.K.Nivodhini, P.Vasuki, Kiruthika K, Lokesh P N, Sangeetha C, Suriya Kumar S	International Journal of Intellectual Advancements and Research in Engineering Computations	April 2018	2348-2079 Vol 6 No 2	-	4.2
	2018-19						
1	Identifying Anonymous Users Across Multiple Social Networks	B. Manikandan, R. Manikandan, P. Monesha, S. Pradeep kumar, P. Vasuki, M. K. Nivodhini	International Journal of Scientific Research and Review	March 2019	Volume 07, Issue 03 2279-543X	-	-
2	Search rank fraud and malware detection in Google play application	Nivodhini M.K, Vasuki .P, Lokesh .L, Monish Kumar, D, Naveen Kumar P.S	International Journal of Intellectual Advancements and Research in Engineering Computations	April 2019	Volume-7 Issue-2 2348-2079		
	2020-21						
1.	An Efficient Subjective Sentiment Classification of Hate Speech Using Tri-Model Approach	M. K. Nivodhini	Geintec,Gesta o, Inon vacaoe Technologies	April 2021	-	-	
2.	Bandwidth Energy Efficient Image Sharing Using CBRD Approach	M. K. Nivodhini	Annals of R.S.C.B.,	April 2021	-	-	

Summary:

	National Level		International Level	
	Journal(s)	**Conference(s)**	**Journal(s)**	**Conference(s)**
At KSRCE	-	1	8	2
At others colleges	-	1	-	3

8. Details of Monographs, Books & Patterns:

Sl. No.	Title	Name of the author(s)	Publisher Name	Year of publication
-	-	-	-	-

9. Details of Proposal:
Public Sector:

Sl. No.	Title of the Proposal	Details of Funding Agency	Date & Duration	Status
-	-	-	-	-

Private Sector:

Sl. No.	Title of the Proposal	Details of Funding Agency	Date & Duration	Status
-	-	-	-	-

10. Details of Winter/Summer Schools Attended (all faculty enrichment programme): (FDP)

S.No.	Name of the programme	Organized by	Date & Duration
	2014-2015		
1	Big Data Analytics and Its Applications	KSR IET	07-07-2014 to 12-07-2014 6 days
2	CS 6402-Design and Analysis Of Algorithms	KSRCE	08-12-2014 to 14.12.2014 7 days
	2015-2016		
1	Infosys –FEP 4.0	Infosys Campus Connect Team	13-07-2015 to 18-07-2015 6 Days
	2017-18		
1	NPTEL Online Certification Introduction to Programming in C	IIT	July-Sep 2017 and 8 weeks
2	NPTEL Online Certification Problem Solving Through C	IIT	Jan-Mar 2018 and 12 weeks
	2018-2019		

1	NPTEL Online Certification Introduction to C++	IIT	July-Sep 2018 and 12 weeks
2.	NPTEL Online Certification Programming in Java	IIT	Jan-Mar 2019 and 12 weeks
	2019-20		
1.	Internet of Things:"Concepts and Implementation"	IITDM-Kancheepuram	15.11.2019 to 19.11.2019 5 Days
2.	Machine Learning using Python and Data Analytics using Hadoop	ESEC	16.12.2019 to 27.12.2020 12 days
3.	Python 3.4.3	Vivekanandha college of Engineering for Women	9.4.2020 to 16.4.2020 8 days
4.	Python Programming and Machine Learning Techniques	KSRCE	18.5.2020 to 29.5.2020
	2020-21		
1.	Advanced Technology Program	Wipro	24.8.2020 to 28.8.2020
2.	Data Sciences	ATAL	7.9.2020 to 11.9.2020
3.	Digital Skills Readiness Program	Wipro	January to April 2021
4	Intelligent Object and Technologies for Building Applications on Data Science with Machine Learning Techniques using Internet of Things	KSRCE	8.3.2021 to 21.3.2021
	2021-22		
1.	"Kotlin: The next frontier in Metaprogramming"	Velalar College of Engineering and Technology.	05-07-2021 to 09-07-2021
2.	Collaboration of AI with AR and VR	KSR IET	14-02-2022 to 19-02-2022
	2022-23		
1.	Computer Vision and Natural Language Processing	Easweri Engineering College	08-08-2022 to 18-08-2022
2.	Advanced tools And techniques for best research	RV Institute of Technology and Management	26-09-2022 to 30-09-2022
3.	Big Data	Wipro	12-12-2022 to 16-12-2022
4.	Data Science using Machine Learning	Pravara Rural Engineering College	02.01.2023 to 06.01.2023

11. Details of Workshops/ Seminars Attended:

Sl. No	Name of the programme	Organized by	Date & Duration
	2012-2013		
1	International Outreach 2013 Intelligent Computing a 21st Century Outlook	University of Edinburgh, UK & Kongu Engineering College	18.02.2013 to 23.02.2013 6 days

2	National Seminar on Cloud Computing for Bioinformatics Applications	Kongu Engineering College	13.12. 2012 to 14.12.2012 2 days
2013-2014			
1	National Workshop on LaTex	K.S.R College Of Engineering	1.02. 2014 1 day
2014-2015			
1	Seminar on Writing Effective Research Paper(s) and Thesis	K.S.R College Of Engineering	19.07.2014, 1 day
2	SERB sponsored national level seminar on " Data Mining Trends & Development for Geospatial Technology and its Applications"	K.S.R College of Engineering	7.1.2015 to 9.1.2015 3 days
2016-17			
1	National Seminar on Soft Computing	K.S.R college of Engineering	10-02-17 & 11.02.17 2 days
2	Emergency Trends in Interfacing of Medical Equipment and EMR using Cloud Technology	K.S.R IET	15-2-2017 to 16-2-2017 2 days
2018-2019			
1	Impact of green computing for minimizing e-waste on human health	K.S.R College of Engineering	03-07-2018 & 04.07.2018 2 days
2	How to Access e- Resources	K.S.R College of Engineering	23-01-2019 1 day
2019-20			
1	Webinar on the theme Leading in a VUCA World	ICT Academy	20-4-2020 to 24-4-2020
2	How to face challenges	G.T.N.Arts College	30.5.2020
2020-21			
1	DevOps and It's Applications	Muthayammal Engineering College	24.11.2020 1 day
2	Role of Python in Data Analytics and Business Intelligence	Muthayammal Engineering College	25.11.2020 1 day
2021-22			
1.	"Machine Learning for Industrial Consultancy"	Mahendra Institute of Technology	1-11-2021 1 day
2022-23			
1.	The Art of Proposal Writing: Road Map	K S R Institute for Engineering and Technology	15.05.2023 1 day

12. Details of Winter/Summer Schools/Workshops/Seminars organized:

Sl. No	Name of the programme	Sponsored by	Acted as	Duration	Convener
1.	Cyber Security Awareness Training Program for Women Welfare	ICSSR	Organiser	27.04.2021 and 28.04.2021	Dr.N.S.Nithya

13. Details of Guest Lecturer / Resource Person inside and outside the college:

(FDP / Training / Workshop / Seminar)

Sl. No	Name of the programme	Organized by	Date & Duration
-	-	-	-

14. Area of Interest   **:** Data Structures, Cloud Computing

15. **Professional Membership**   **:** ISTE

16. Details of the Subjects Handled (in KSRCE):

S.No	Academic Year	Semesters	Name of the Subject	Class	% of Pass
1.	2013-2014	ODD	Fundamentals of Computing and Programming	I B.E (EEE)	87.6
2.	2014-2015	ODD	Data Structures	II B.E (CSE)	97.56
3.	2014-2015	EVEN	Professional Ethics in Engineering	IV BE (CSE)	98.5
4.	2014-2015	EVEN	Object Oriented Software Engineering	I ME CSE	100
5.	2015-2016	ODD	Fundamentals of Computing and Programming	I B.E EEE A	91
6.	2015-2016	ODD	Fundamentals of Computing and Programming	I B.E EEE B	90
7.	2016-2017	ODD	Computer Networks	II MCA B	94.8
8.	2016-2017	ODD	Software Engineering	II MCA B	100
9.	2016-2017	EVEN	Cloud Computing	IV CSE C	97
10.	2016-2017	EVEN	Software Requirement Engineering	III CSE A	99
11.	2017-2018	ODD	Mainframe Technologies	IV CSE C	98.5
12.	2017-2018	ODD	Information Retrieval Techniques	II ME	100
13.	2017-2018	EVEN	Cloud Computing	IV CSE C	98
14.	2017-2018	EVEN	Wireless Communication Networks	III CSE A	83
15.	2018-2019	ODD	Software Testing	IV CSE B	100
16.	2018-2019	EVEN	Java Programming	II CSE B	84
17.	2019-2020	ODD	Software Testing	IV CSE B	100
18.	2019-2020	ODD	Advance Data Structures	I ME	100
19.	2019-2020	EVEN	Java Programming	II CSE B	95
20.	2019-2020	EVEN	Entrepreneurship Development	IV CSE B	93
21.	2020-2021	ODD	Software Testing	IV CSE B	98

22.	2020-2021	ODD	Advance Data Structures	I ME	100
23.	2020-2021	ODD	Problem Solving Techniques	I CSE B	96
24.	2020-2021	EVEN	C Programming	I CSE B	95
25.	2020-2021	EVEN	Information Retrieval Techniques	I ME	100
26.	2021-2022	ODD	Advance Data Structures	I ME	100
27.	2021-2022	ODD	Problem Solving Techniques	I CSE A	92
28.	2021-2022	EVEN	Information Retrieval Techniques	I ME	100
29.	2021-2022	EVEN	Service Oriented Architecture	IV CSE A ,B	98
30.	2022-2023	ODD	Professional Ethics	IV CSE B	100
31.	2022-2023	ODD	Internet of Things	II ME	100
32.	2022-2023	EVEN	Enterprise Resource Planning	IV CSE A ,B	100

17. Additional Responsibilities:

a. College Level

S.No.	Details of Work	Work allotted by	Duration
1	Placement Training	Principal	01-06-2018 to till date

b. Department Level

S.No.	Details of Work	Work allotted by	Duration
1.	Circular Maintenance	HoD	01-07-2013 to 15-02-2014
2.	Class Advisor	HoD	01-07-2013 to till date
3.	Project Guide	HoD	01-07-2013 to till Date
4.	Faculty Work Updation	HoD	01-08-2014 to 14-12-2017
5.	Old Record Maintenance	HoD	14-12-2017 to 07-05-2019
6.	Department Lab In charge	HoD	08-01-2019 to till date

18. Self-Appraisal

Major Strengths
1. Team Work
2. Boldness
3. Enthusiastic

Major Weaknesses:
1. Straight forward
2. Sensitive
3. Emotional

M K Nivodhini

Signature with Name
[NIVODHINI M K]