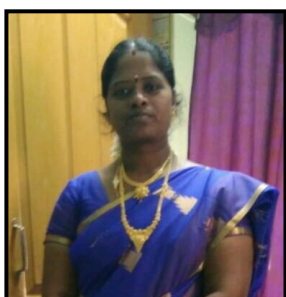# CURRICULAM VITAE

Name: Dr.K.DEEPA

Designation: Assistant Professor

Department of Computer Science

Nehru Memorial College
(Autonomous), Puthanampatti –
621007, Trichy Dt.
Ph.No: 9842129551.
Email:deepamohan13@gmail.com.

1. Educational Qualifications (Chronologically Reverse)

COURSE	SUBJECT	UNIVERSITY	YEAR OF PASSING	CLASS/ GRADE
Ph.D	COMPUTER SCIENCE	BHARATHIDASAN UNIVERSITY	AUG-2020	HIGHLY COMMENDED
MCA	COMPUTER APPLICATION	BHARATHIDASAN UNIVERSITY	AUG-2013	FIRSTCLASS WITH DISTINCTION
M.PHIL	COMPUTER SCIENCE	BHARATHIDASAN UNIVERSITY	AUG-2008	FIRSTCLASS WITH DISTINCTION
MSc	COMPUTER SCIENCE	BHARATHIDASAN UNIVERSITY	MAY-2007	FIRSTCLASS WITH DISTINCTION (VII RANK)
PPTT	TEACHING SKILLS\	BHARATHIDASAN UNIVERSITY	FEB-2003	FIRSTCLASS
BCA	COMPUTER APPLICATION	BHARATHIDASAN UNIVERSITY	MAY-2004	FIRSTCLASS

2. Academic Affiliation:

- Assistant Professor, Department of Computer Science, Nehru Memorial College (Autonomous), Puthanampatti – 621007, Trichy Dt, From 16th June 2008 to till date.

3. TEACHING EXPERIENCE

S. No.	Institution	Duration	No. of Years	
			UG	PG
1.	NIIT, Thuraiyur.	8 Months	-	-
2.	Nehru Memorial College.	13 Years+	13	08

4. RESEARCH EXPERIENCE (in years):   5 YEARS

Research stage	Title of the work/Thesis	University where the work is/was carried out
PhD	An Enhancing the Accuracy of Sentiment Analysis in Big data	Bharathidasan University Thiruchirappalli-24.
M.Phil	An Experimental study of Bluetooth and GPRS Technologies	Bharathidasan University Thiruchirappalli-24.

Professional Affiliation:

- Examiner for Valuation for Universities and Autonomous Colleges.

Area of Research:

- Computer Networks
- Graphics and multimedia
- Big data analytics
- Sentiment Analysis

5**. PUBLICATION(S) (In Numbers)

Journal(s)		Proceeding(s)	
International	National	International	National
06	02	01	03

Cumulative Impact Factor (as per JCR)	12.10
h-index	01
Total Citations	50

6**. PRESENTATION(S) (In Numbers)

Events	International	National	State	Regional
Conference(s)	02	02	-	

7**. PARTICIPATION (In Numbers)

Events	International	National	State	Regional
Conference(s)	02	02	-	-
Seminar(s)	-	03	-	03
Workshop(s)	01	08	01	12

8**. PROFESSIONAL DEVELOPMENT (In Numbers)

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Course(s)	Online Course(s)
-	-	08	-	01

S. No.	Name of the Programme	Name of the Resource Person	Date of the Event
1.	Optra'19	Er.Pon.Balasubramaniyan.	Mar 18,2019
2.	Think Quest'19	Dr.S.Arumuga perumal & Mr.Arun.	Sep 27,2019
3.	Digital Evolution in 21st century	N.Srinivasan.	OCT 4 '2019
4.	Internet of Things	Dr.S.Arumuga perumal & Mr.Arun.	Sep 27,2019

10.   ACADEMIC / ADMINSTRATIVE RESPONSIBILITIES HELD

1.   Served as a Lecture on "Fundamentals of Computer System Architecture" on April,26 & 28, May 14,2019 in the PG-TRB Coaching class Organized by NMC Academy, Nehru Memorial College, Puthanampatti.

2.   Act as a Lecture on "Computer System Architecture" on 2019-2020 in the NET/SET Coaching class Organized by Department of Computer Science, Nehru Memorial College, Puthanampatti.

11.   GUEST LECTURE / RESOURCE PERSON

1.   Served as a Resource person and delivered a Lecture on "Embryonic Technology" on Mar 1,2016
 in the Faculty Empowerment Programme Organized by Nehru Memorial College, Puthanampatti.

2.   Served as a Resource Person and delivered a Lecture on "Application of Computer" on July 3,2019 in the
 Bridge Course Organized by Department of Computer Science, Nehru Memorial College, Puthanampatti.

12. MEMBERSHIP IN

Academic Bodies (Board of studies)	MCA (2018-2019) MSc. Computer Science (2018-19) 21-09-2018

13.Publications/Conferences:

S.No.	Name of the Staff	Name of the Paper	Name of the Conference	Place	Duration /Date
1.	K .Deepa and Dr.E.Kirubakaran	A Survey on Embryonic Technologies and Information Retrieval Forum	International Conference on Innovations in information Embedded and Communication Systems(ICIIECS'16)	Karpagam College of Engineering Coimbatore	17/03/16 & 18/03/16
2.	K .Deepa And Dr.E.Kirubakaran	An Enhanced Framework for Sentiment Analysis Techniques	Advances in Computer Science and Engineering,	Bengaluru.	April 2018

S.No.	Name of the Staff	Title of paper	Year	Name of the Journal	Dept
1.	K .Deepa and Dr.E.Kirubakaran	A Literature Survey On Big Data Preprocessing Techniques	March 2017	International Journal of Scientific Research & Development.	Computer Science
2.	K .Deepa And Dr.E.Kirubakaran	A Review on Sentiment Analysis Techniques	SEP-2017	World Wide Journal of Multidisciplinary Research and Development	Computer Science
3.	K .Deepa and Dr.E.Kirubakaran	Sentiment Analysis of Product Reviews Using Machine Learning Algorithm	DEC-2017	Journal of Environmental Science ,computer Science and Engineering & Technology	Computer Science
4.	K .Deepa and Dr.E.Kirubakaran	Sentiment Analysis of Product Reviews Using SVM	FEB-2018	International Journal of Electrical Electronics & Computer Science Engineering	Computer Science
5.	K .Deepa and Dr.E.Kirubakaran	An Enhanced Framework for Sentiment Analysis Techniques	April 2018	Advances in Computer Science and Engineering, Bengaluru.	Computer Science
6.	K .Deepa and Dr.E.Kirubakaran	A Taxonomy Method for Aspect Based Sentiment Analysis using Machine Learning Techniques	Feb 2018	ICRTCT-Dr.NGP College of Arts and Science ,Coimbatore(Scopus indexed)	Computer Science.
7.	K .Deepa and Dr.E.Kirubakaran	Ensemble Application of Devoted Convolutional Neural Network based Sentence-Level Sentiment Analysis for Big data	Aug 2019	International Journal of Information Technology and Electrical Engineering (ITEE), UGC care list of journal	Computer Science.

14. <u>Subjects Handled:</u>

- **Fundamentals of computer application**

- **Operating Systems**

- **Programming in JAVA**

- **Principles of wireless network**

- **Mobile computing**

- **Computer Networks**

- **Programming in C& C++**

- **Computer Graphics and Multimedia**

- **Data Structures and Algorithms**

- **Digital Computer and Fundamentals**

- **Microprocessors and Microcontrollers**

- **Data base Management Systems**

- **Visual Basics**

- **Advanced Database Systems**

- **Photoshop, Flash, GIMP**

- **Internet and Web Design**

- **E-commerce**

- **Computer system architecture**

- **Multimedia and animation.**

- **Graphics and Human computer Interaction**

- **Soft computing**

- **Design and Analysis of algorithms**

- **Object oriented analysis and design**

- Computer Organization and Architecture

- Big data Analytics

- Python

15. Conferences/ Workshops/Seminars attended from April 2012 to December 2019 with details (Name, Place, Date(s), Agency etc.,) (Attach separate sheet if necessary)

S.No.	Name of the Workshop/Seminar	Sponsored by	Conducted by	Place	Duration /Date
1.	Mathematical Computations with MATLAB	Nehru Memorial College	Department of Mathematics	Puthanampatti	19-09-2008
2.	Embedded Systems and its	Nehru	Department of Physics		13-03-2012

	Applications	Memorial College		Puthanampatti	
3.	Examinations Reforms	Nehru Memorial College	IQAC	Puthanampatti	15-03-2012

After NAAC Accreditation up to May 2018

S.No.	Name of the Workshop/Seminar	Sponsored by	Conducted by	Place	Duration/Date
1.	Examinations Reforms	Nehru Memorial College	IQAC	Puthanampatti	16-02-2013
2.	LATEX	Nehru Memorial College	Department of Mathematics	Puthanampatti	11-11-2013 & 12-11-2013
3.	Rapid Miner-A Data Mining Tool	VIT	School of computer science and engineering	Chennai	05-10-2013
4.	Impact of Research on Teaching in Higher Education	Nehru Memorial College	IQAC	Puthanampatti	11-06-2014
5.	Sustenance/Enhancement of Quality in Higher Education	UGC	IQAC, Nehru Memorial College	Puthanampatti	05-08-2015
6.	Revisiting examination system in the current scenario	UGC	IQAC, Nehru Memorial College	Puthanampatti	19-03-2016
7.	Big data, Hadoop security	-	ISYSWAYS, Technologies	Thanjavur	01-10-2016

From 2018 to Till date

S.No.	Name of the Workshop/Seminar	Sponsored by	Conducted by	Place	Duration/Date
1.	Effective Teaching	Nehru Memorial College	IQAC	Puthanampatti	12-06-2017

2.	World Class Curriculum Design for Computer Science with Research Aspects	Bharathidasan University.	Bharathidasan University.	Trichy	15-11-2017
3.	Innovative curriculum designing	UGC	Nehru Memorial College	Puthanampatti	24-11-2017 & 25-11-2017
4.	Faculty Development Program	UGC	Nehru Memorial College	Puthanampatti	11-06-2018 & 12-06-2018
5	Workshop on Outcome Based Education	UGC	Nehru Memorial College	Puthanampatti	25-08-2018

16. DETAILS OF PROFESSIONAL DEVELOPMENT
(Orientation / Refresher Course / FDP / Short Term Course / Online Course)

S. No.	Name of the events	Sponsored by	Conducted by	Place	Duration/ Date
Faculty Development Programme					
1.	Impact of Research on Teaching in Higher Education	Nehru Memorial College	IQAC	Puthanampatti	JUNE 11,2014
2.	Sustenance/Enhancement of Quality in Higher Education	UGC	IQAC	Puthanampatti	AUG 05,2015
3.	Revisiting examination system in the current scenario	UGC	IQAC	Puthanampatti	MAR 19,2016
4.	Effective Teaching	NMC	IQAC	Puthanampatti	JUNE 12,2017
5.	Faculty Development Program	UGC	NMC	Puthanampatti	JUNE 11&12, 2018
6.	Coding theory & Machine Learning	DEPT OF CS	NMC	Puthanampatti	Mar 19,2019
7.	Student Skills	UGC	NMC	Puthanampatti	May 30,2019
8.	Mobile Application Development using Android	DEPT OF CS	NMC	Puthanampatti	JUNE 10&11,2019
9.	Outcome Based Education: Mapping and Rubrics	DEPT OF CS UGC	NMC	Puthanampatti	MAY 10&11,2021
Online Course(s)					
1.	MS-EXCEL	MICROSOFT	NMC	Puthanampatti	Nov 29,2019

Personal Information:

Name	:	K.DEEPA
Father's Name	:	A.Kanagarathinam
Date of Birth	:	17.11.1984
Religion	:	Hindu
Nationality	:	Indian

Marital Status	: Married
Official Address	: Assistant Professor,
	Department of Computer Science,
	Nehru Memorial College
	(Autonomous), Puthanampatti –
	621007, Trichy Dt.
	Ph.No: 9842129551
	Email:deepamohan13@gmail.com.
Residential Address	: 5/512, Thanga nagar,
	Musiri Road, Thuraiyur (TK)
	Trichy(Dt).
	Pin-621010.

Declaration:

I hereby declare that all the above said information is true to the best of my knowledge.

Place   : Puthanampatti   Signature

Date   :11-1-2021   **(K.DEEPA)**