STAFF PROFILE

Name	: **Dr.K.DEEPA**
Designation	: **Assistant Professor**
Department	: **PG & Research Department of**
	Computer Science.

Contact	: 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	Commended
MCA	Computer Application	Bharathidasan University	Aug-2013	First class With Distinction
M.Phil	Computer Science	Bharathidasan University	Aug-2008	First class With Distinction
MSc	Computer Science	Bharathidasan University	May-2007	First class With Distinction (VII Rank)
PPTT	Teaching Skills	Bharathidasan University	Feb-2003	First class
BCA	Computer Application	Bharathidasan University	May-2004	First class

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 :   13 years - 7 Months (Dec-2020)

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

Research stage	Title of the work/Thesis	University where the work is/was carried out
Ph.D	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

Research Guidance(In Numbers):

Program of Study		Completed	ongoing
Project	PG	28	-

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	Scopus Indexed-01
Total Citations	50

6.PRESENTATION(S) (In Numbers)

Events	International	National	State	Regional
Conference(s)	03	02	-	

7.PARTICIPATION (In Numbers)

Events	International	National	State	Regional
Conference(s)	02	02	-	-
Seminar(s)	-	03	-	03
Workshop(s)	01	08	01	12
Webinar	04	03	03	12

8.PROFESSIONAL DEVELOPMENT (In Numbers)

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Course(s)	Online Course(s)
-	-	11	-	01

9.EVENT(S) ORGANIZED

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.

3. Act as a Lecture on PG-TRB Organized by NMC Academy,Nehru Memorial College from 22/04/2019 to 31/05/2019, Puthanampatti.

4. Serving as a convener for NAAC Criteria-3 and criteria-4 of the Department of Computer Science, Nehru Memorial College for the reaccreditation process.

5. Delivered lecturer on "Applications of Computers" in the Bridge Course organized by the Department of Computer Science, Nehru Memorial College for the 1st year Under Graduate students of Computer Science and Computer Application during the academic years 2016-2017.

6. Co-Convener for the events viz., , Dumb Charades, Paper scenario,Logicalmine,TresureHunt,Ad-Mad during the inter-collegiate competitions Think Quest'12, Think Quest'13, Think Quest'14, Think Quest'16 and Think Quest'17 respectively.

7. Convener for the events viz, Dumb Charades during the inter-collegiate competitions Think Quest'17 respectively.

8. Library In-Charge for **AICTE** Member for Department of MCA in Nehru Memorial College 2020 onwards.

9. Department In-Charge and lectured Abacus class for school students in NIIT computer Centre , Thuraiyur in 2005.

11. SERVED AS A RESOURCE PERSON (INVITED TALKS/GUEST LECTURES)

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.

3. Act as a Lecture on PG-TRB Organized by NMC Academy, Nehru Memorial College from 22/04/2019 to 31/05/2019, Puthanampatti.

1. MEMBERSHIP IN

Academic Bodies (Board of studies)	Member in Board of Studies: B.Sc Computer Science :2017 to till BCA :2017 to till MCA : 2017 to till M.Sc Computer Science : 2017 to till

2. 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(ICIIE CS'16) IEEE(Explore).	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,	Government College for Women, Maddur Bengaluru.	April 2018
3.	K .Deepa and Dr.E.Kirubakaran	An Enriched framework on Sentiment Analysis of Movie Reviews Data sets using Machine Learning Algorithm	One day National Conference (Multidisciplinary on"Emerging Trends in Digital Transformation. ETDT-2018	Government College for Women, Maddur Bengaluru.	July 2018
4.	K .Deepa and Dr.E.Kirubakaran	A Lexicon Based approach to Enhancing the Accuracy of Sentiment Analysis	One Day Online Multidisciplinary National Conference On "Sustainable Development In Recent Global Scenario-Issues And Challenges".	IQAC, Government First grade college, Koppa, Maddur(TK) Mandiya(DT). Bengaluru.	Sep 2021

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	Computer Science

				Science Engineering	
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	An Enriched framework on Sentiment Analysis of Movie Reviews Data sets using Machine Learning Algorithm	July 2018	One day National Conference (Multidisciplinary on"Emerging Trends in Digital Transformation. ETDT-2018 Bengaluru.	Computer Science.
8.	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.
9.	K .Deepa and Dr.E.Kirubakaran	A Lexicon Based approach to Enhancing the Accuracy of Sentiment Analysis	Sep 2021	One Day Online Multidisciplinary National Conference On Sustainable Development In Recent Global Scenario-Issues And Challenges. Bengaluru.	Computer Science.

Classes Handled: **BCA, B.Sc.(CS), MCA, M.Sc.(CS), M.Sc.(IT),**

Fundamentals of computer application	Digital Computer and Fundamentals	Multimedia and animation.
Operating Systems	Microprocessors and Microcontrollers	Graphics and Human computer Interaction
Programming in JAVA	Data base Management Systems	Soft computing
Principles of wireless network	Visual Basics	Design and Analysis of algorithms
Mobile computing	Advanced Database Systems	Object oriented analysis and design
Programming in C& C++	Photoshop, Flash, GIMP	Computer Organization and Architecture
Computer Graphics and Multimedia	Internet and Web Design	Big data Analytics
Data Structures and Algorithms	E-commerce	Python

15. Conferences/ Workshops/Seminars attended

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 Applications	Nehru Memorial College	Department of Physics	Puthanampatti	13-03-2012
3.	Examinations Reforms	Nehru Memorial College	IQAC	Puthanampatti	15-03-2012

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

S.No.	Name of the Workshop/Seminar	Sponsored by	Conducted by	Place	Duration/Date
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

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.	Online Teaching Learning And Evaluation	DEPT OF CS	NMC	Puthanampatti	August 10&11,2020
10.	Outcome Based Education: Mapping and Rubrics	DEPT OF CS UGC	NMC	Puthanampatti	MAY 10&11,2021
11.	Five Days International Faculty Development Programme on Nunances and Trends in Data Science"	DEPT OF IT	Hindustan College of Arts and Science	Coimbatore	July 26th to 30th,2021
	Online Course(s)				
1.	MS-EXCEL	MICROSOFT	NMC	Puthanampatti	Nov 29,2019
2.	Skill development in C & C++	LINSOFT, Trichy	NMC	Puthanampatti	-

17.Additional Information:

1. Among Govt.Girls.hr.sec.school I Rank in XII std.
2. Outstanding Academic Performance in M.Sc., Computer Science secured **VII Rank** in Bharthidasan University, Thiruchirappalli.
3. College First Rank in M.Sc., Computer Science.
4. College First Rank in M.Phil., Computer Science.
5. Awarded **Ph.D.** degree in Computer Science with **Commended in August 2020.**

Extra Curricular Activities: Sports in Valley Ball champion in School level.

1. Participated in International webinar on "**Changing Role of Information Technology COVID & POST COVID: Disruptive Approach to Teaching & Learning"** One-day International Level Webinar (NMC),**28th JULY 2020.**

2. Participated in webinar on "Photography from Scratch"Organized by media club of KPRIET on July 27th , 2020.

3. Participated in webinar on "**DATA SCIENCE AND IT'S APPLICATIONS"** organized by the Department of Master of Computer Applications, Paavai Engineering College on August 17th , 2020.

4. Participated in webinar on" **Art of Speaking"** organized by Post Graduate and Research Department of Computer Science in association with United Technologies, Chennai on **August 10th ,2020**.

5. Participated in International webinar on "Data management in Today's World" conducted on June 6th , 2020,by Department of computer Science, Selvamm Arts and Science college(Autonomous),Namakkal, Tamil Nadu.

6. Participated in webinar on "Chatbots" organized by Microsoft DEV Geeks Community on July 25th , 2020.

7. Participated in Webinar on **"RECENT TREND IN PROGRAMMING - AN OVERVIEW OF PYTHON LANGUAGE"** organized by the Department of Computer Science, Computer Applications & Software Applications on 27th May 2020.

8. Participated in one day National level Webinar on "Recent trends Mobile computing and its Applications" united technology organized by Post graduate research department of computer science july 17th ,2020.

9. Participated in International Webinar on "Recent trends in Automation Testing in Information Technology"by organized in association with IEEE student branch held in virtually on May 29th,2020.

10. Participated in webinar on "The E's winning Candidate: Etiqutee, exertise, expression" organized by PG and research department of computer science May 23rd ,2020.

11. Participated in webinar on "web design and Development" organized by PG and research department of computer science May 20th,2020.

12. Participating in the Online webinar titled "International Patent filing Process" organized by the Department of Electrical and Electronics Engineering on 25th April 2020.

13. Participated in webinar on "Application Development using JAVA" organized by PG and research department of computer science May 21st,2020.

14. Participated in webinar on "VIRTUAL AND AUGMENTED REALITY ININDUSTRY 4.0" organized by our college in association with Meticulous Academy of Xcellence(MAX)held on May 07th,2020.

15. Participated in webinar on "Unleashing Machine Learning and Cloud computing" organized by PG and research department of computer science in Holycross college,May 9th,2020.

16. Participated in webinar on "Opportunities in Digital World" organized by Post Graduate and Research Department of Computer Science in association with United Technologies, Chennai on June 06 th,2020.

17. Participated in webinar on **"Blockchain Technologies"** held on 10th July 2021 in Sacred Heart College,Vellore.

18. Participated in the webinar on "Designing Finite State Automata"presented by Dr.T.Rajaretnam, Head and Associate Professor, St. Joseph's College (Autonomous), Tiruchirappalli and organised by the PG & Research Department of Mathematics held on August 1st , 2020.

19. Participated in SRM webinar Series on "Cyber Threats And Security" organized by PG and research department of computer science May 22nd, 2020.

20. Participated in the webinar on "Digital Marketing Made Simple" held on 12.06.2020 organized by Post Graduate and Research Department of Computer Science.

21. Participated in the webinar on "Microsoft Azure and its services" held on May 27th , 2020 organized by Department of Information Technology, Bishop Heber College, Trichy.

22. Participated in Three Days Online International Workshop Hands-On session on "MongoDb" held from 15th July 2021 to 17th July 2021 Organized by Department of Computer Science - Shift II, Patrician College of Arts & Science, Chennai.

Declaration:

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

Place   : Puthanampatti   Signature

Date   :   **(K.DEEPA)**