

Faculty Profile of Dr. K. Geetha



Dr. K. Geetha
Assistant Professor
Department of Computer Science

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Phone No:0422-2428602

Mobile No:9965497121

Research Area

- Speech Processing
- Networking
- Image Processing

Education & Career

Education

Ph. D.

Subject : Computer Science

Institution : DJ Academy Managerial for Excellence, Coimbatore

Affiliated University :Bharathiar University, Coimbatore

Year of Award : 2018

M.Phil.,

Subject : Computer Science

Institution : Mother Theresa University(W),Kodaikanal

Affiliated University : Mother Theresa University(W),Kodaikanal

Year of Award : 1999

M. Sc.,

Subject: Computer Science

Institution : Bishop Heber College,Trichirappalli

Affiliated University : Bharathidasan University,Trichirappalli

Year of Award : 1995

B. Sc.,

Subject: Computer Science

Institution: Govt. College(W), Kumbakonam

Affiliated University: Bharathidasan University, Trichirappalli

Year of Award: 1993

Career**At Bharathiar University (Reverse Order)**

Assistant Professor : 15.04.2015 to Till date

Past Experience

Assistant Professor : from 1.6.2006 to 23.3.2011 at Sri Krishna Arts and Science College, Coimbatore

Lecturer : from 27.05.2005 to 30.4.2006 at Sri Narayana Guru College, Coimbatore

Lecturer : from 22.11.2002 to 13.4.2005 at Kovai Kalaimagal College of Arts and Science, Coimbatore

Lecturer : from 01.7.1999 to 31.10.2002 at Shrimati Indira Gandhi College, Trichy

Guest Lecturer : from 30.8.1995 to 22.3.1999 at Govt. College(W),
Kumbakonam

Awards

Membership

Visits

Collaborators

Others

Projects

Funded Projects (National Level)

- [Ongoing](#)
 - [Completed](#)
1. Embedded systems and wireless sensor networks for iot,
Dr. K. Geetha
RUSA 2.0- BEICH - SDC
February 2021

Rs.1.1 Lakh

Completed Projects List with necessary Information

Consultancy Projects

- [Ongoing](#)
- [Completed](#)

Ongoing Consultancy Project Informations

Completed Consultancy Project Informations

Research Guidance

- [Post Doc.](#)
- [Ph.D.](#)
- [M.Phil.](#)
- [M.Sc.](#)

Ongoing

Title

Name

Completed

Title

Name

Ongoing

Sample Data.

Completed

Sample Data.

Ongoing

Sample Data.

Completed

Sample Data.

Ongoing

Sample Data.

Completed

Sample Data.

Research Publication

- [International](#)
- [National](#)
- [Patents](#)
- [Conferences](#)
- [Books / Chapters](#)
- [Database](#)

1. [Brain tumor identification using multi-atlas segmentation](#)

M. Loganayaki, K. Geetha

International Journal Of Recent Technology And Engineering (ijrte) ,2019
issn: 2277-3878,

2. Secure routing in mobile ad hoc networks using trust aware routing protocol and consensus based auction algorithm

A. Kaveri, Dr. K. Geetha

Journal Of Applied Science And Computations. volume vi, issue iv, april 2019 pp no:3339-58

3. Survey on wireless sensor networks

N. Aravinthan, K. Geetha

Tamil Nadu State Council For Higher Education Journals, issn:2277-7628, vol(8).no.1, february 2018, pp. 53-63

4. [Syllable segmentation of tamil speech signals using vowel onset point and spectral transition measure](#)

K.Geetha, Dr. R. Vadivel

Automatic Control And Computer Science, 2018, vol. 52, no. 1, pp. 25-31, issn 0146-4116.

5. [Comparative study of one dimensional and two dimensional dynamic time warping](#)

R.Swathika , K.Geetha

International Journal Of Scientific Research In Computer Science, Engineering And Information Technology, volume 2, issue 6, issn : 2456-3307, pp. 288-294, november-december-2017

6. Study on speech recognition systems

K.Geetha,R. Vadivel

International Journal Of Current Trends In Engineering & Technology issn: 2395-3152 volume: 03, issue: 04, pp.163-167. july-august, 2017

7. [Estimation of hmm-gmm parameter for tamil words](#)

K.Geetha, R.Vadivel

International Journal Of Engineering And Technology, vol 9. no. 1, feb-mar 2017, pp.93-97,

8. [Phoneme segmentation of tamil speech signals using spectral transition measure](#)

K.Geetha,R. Vadivel

Oriental Journal Of Computer Science & Technology, issn: 0974-6471, march 2017, vol. 10, no. (1): pg. 114-119.

9. [Certificate revocation scheme based on weighted voting game and rational secure multiparty computing](#)

N. Aravinthan, K. Geetha

Ictact journal On Communication Technology, issn(print):0976-0091, issn(online):2229-6948, 2017, vol.: 08, issue: 01. pp. 1453- 1460.

10. Grapheme segmentation of tamil speech signals using excitation information with mfcc and lpcc features

K.Geetha.,R. Vadivel

International Journal Of Computer Science And Information Technologies, issn: 0975-9646, vol. 8 (1) , 2017, pp. 48-52

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11. Overview of network simulators

N. Aravinthan, K. Geetha,

International journal For Scientific Research And Development(ijsrd), issn(online):2321-0613, volume 4 issue 9, December 2016.

National Publications - Reverse Chronological Order

Patent Info

Conference Info

Alumini Reflections: