BIO DATA

Department of Computer Science and Engineering

Personal Details

Name :	Dr. K. DEVI
Designation :	Assistant Professor (Sr.G)
Educational Qualification :	B.E, M.E, Ph.D.
Experience:	15 years 6 months
Area of Specialization :	Cloud Computing
Email ID :	devii.jeya@gmail.com
Contact Numbers :	9842427236

Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	**B.E.**	Computer Science and Engineering	Government College of Engineering / Manonmaniam Sundharanar University	2003
2	**M.E.**	Computer Science and EngineeringCSE	Arulmigu Kalasalingam College of Engineering / Anna University	2005
3	**Ph.D**	Information and Communication Engineering	Anna University	2022

Professional Society Memberships

1. Indian Society of Technical Education: Life Member
2. Computer society of India: Life Member
3. Indian Science Congress

Publication Details

Journals:

1. Ms.C.Pabitha1, Ms.K.Devi 2 *"Private Information Retrieval in Hybrid"* IFRSA's International Journal Of Computing,Vol 5,issue 2,April 2015

2. P.Sivakumar, K.Devi, V.Deepalakshmi ,*"A RAID-based secure storage of personal healthRecords in cloud computing using MA-ABE"* International Journal of Technology and Engineering System (IJTES) , Vol 6. No.4 2015 Pp. 278-282

3.P.SivaKumar, K.Devi ,*"Various Attribute Based   Encryption Algorithms in Clouds-A Survey"* IJSRD - International Journal for Scientific Research & Development,Vol. 3, Issue 03, 2015   ISSN (online): 2321-0613

4. P.SivaKumar, K.Devi,*"A Review on Raid Levels Implementation and Comparisons"* Australian Journal of Basic and Applied Sciences,9(21) Special 2015, Pages: 86-91

5.S.Suguna, K.Devi **"***VMFT: Virtual Machine Fault Tolerance in Cloud Computing*" International Journal of Innovation and Scientific Research, ISSN 2351-8014 Vol. 22 No. 2 Apr. 2016, pp. 256-265

6. S.Suguna, K.Devi **"***Improvement of HADOOP Ecosystem and Their Pros and Cons in Big Data***"** International Journal Of Engineering And Computer Science ISSN: 2319-7242 Volume 5 Issue 5 May 2016, Page No. 16680-16685.

7.K.Devi,Dr.D.Paulraj *"Multi Level Fault Tolerance in Cloud Environment"* 2017 International Conference on Intelligent Computing and Control Systems, IEEE, 11 January 2018

8.Ms.K.Devi, Magesh.R, Nila.R, Shrinithi.M, "*Reinforced Pet Healthcare Monitoring System using RSSI Technology and IOT*" International Journal of Innovative Science and Research Technology,ISSN No:-2456-2165, Volume 3, Issue 4, April – 2018

9. K.Devi, Dr.D.Paulraj *"Reliable Cloud based Architecture for Multi-level fault tolerance"* International Journal of Management, Technology And Engineering, ISSN NO : 2249-7455, Volume 8, Issue XI, NOVEMBER/2018

10.K.Devi,GD.Sushmitha,M.Shanmathi,BS.Vishali, " Finger Vein Recognition System using Maximum Curvature and Lee Region Algorithms", IJARIIE,ISSN(0)-2395-4396,Volume 6,Issue-2 ,March 2020

11.K Devi, D Paulraj, B Muthusenthil, "Deep Learning Based Security Model for Cloud based Task Scheduling", KSII Transactions on Internet & Information Systems , ISSN : 1976-7277,Volume 14,Issue-9, Sepetember- 2020.

12. K Devi, D Paulraj, " Multilevel Fault-Tolerance Aware Scheduling Technique in Cloud Environment",
Journal of Internet Technology,Volume 22,Issue 1, January 2021.

13. A Samydurai, K Revathi, L Karthikeya, B Vanathi, K Devi,"An Enhanced Entity Model for Converting Relational to Non-Relational Documents in Hospital Management System Based on Cloud Computing", IETE Technical Review, 1-14

Conferences:
1. Presented a paper on *"Multimedia e-chronicles"* in the National Conference "NATCON 04" held at Noorul Islam College of Engineering, April 7-8 2004.

2.Presented a paper on *"Cluster Based Image retrieval by Unsupervised Learning* "in the National Conference "NCCI 05" held at Sri Venkateswara College of Engineering, Sriperumbudur, March 7 -8 2005.

3. Presented a paper on *"Cluster Based Retrieval of Images By Unsupervised Learning* "in National conference on High Performance held at Government college of Engineering –Tirunelveli, April 8. 2005.

4.Presented a paper on *" EAACks: Spooting of Intruder in MANET's"*in International Conference on Futuristic Trends in computing Engineering and Information Technology held at Thiruvalluvar College of Engineering and Technology,1st and 2nd March 2014.

5. Presented a paper on A RAID-based secure storage of personal healthRecords in cloud computing using MA-ABE" at 2nd national Conference on Computing Technologies 2015 held on march 31,2015.

6. Presented a paper on "VMFT:Virtual Machine Fault Tolerance in cloud computing" in 3rd International conference on Engineering Technology and Science, held at Muthayammal Engineering Institutions-Nammakkal, 18th and 19th March 2016

Other Particulars

Certifications

- Certified EMC Academic Associate ,Cloud Infrastructure and services, June 21,2014
- Certified EMC Academic Associate, Data Science and Big Data Analytics, August 16,2016
- NPTEL Certification on "Algorithms For Big data", Jul to Sep 2016
- NPTEL Certification on "Programming, Data Structures and Algorithm", Jan to Mar 2016
- NPTEL Certification on "Gender Justice and Workplace Security", Jul-Aug 2017
- NPTEL Certification on "Cloud computing", Aug-Oct 2017
- Certification on "C Training" provided by the talk to A Teacher project at IIT Bombay on 27th march 2017
- NPTEL recognition for the role of mentor in NPTEL Online Certification course, "Gender Justice and Workplace security" during Jul-Dec 2017
- NPTEL Certification on "Stress Management", Aug-sep 2018
- NPTEL Certification on "Design and Pedagogy of the Introductory Programming Course", Feb-March 2020

FDP , Workshop and Conference Attended

Attended one day Workshop on "Artificial Neural Networks and Applications" organized by ISTE/AKCE students chapter on 21st August 2004.

Attended National conference on *Network Engineering* (NCON) Organized by TIFAC-CORE in Network Engineering, Arulmigu Kalasalingam College of Engineering, Krishnankoil during March 4-5, 2005.

Attended National Conference on *Recent Trends in Communication Engineering*(NCRTC) Organized by Arulmigu Kalasalingam College of Engineering, Krishnankoil during May 12-13, 2005

Attended the two weeks Quality improvement Programme on "*Web Collaboration and Technology*" from 18th - 31st May 2009 ,organized by B.S.A Cresent Engineering College, Chennai,in association with Ramanujan Computing Center,Anna University,Chennai.

Organized the Microsoft DreamSpark Event at Kalasalingam University on 19th April 2010.

Attended the faculty Development training Programme on "*CS2063 –Grid Computing*" at Madras Institute of Technology from 14th to 20th May 2011.

Attended the Two days Workshop on "*Recent Trends in Wireless Networks*"(RTWSN) during 28th- 29th November 2011 at Madras Institute of Technology, Anna University, Chennai .

Attended the Faculty Development Programme on "Free open Source Software" (FOSS) organized by Valliammai Engineering College on 28th to 29th June 2012

Organized a Workshop on *MS Office Automation* on 26th December 2013 at Valliammai Engineering College.

Attended the Workshop on "*Copyright protection and prevention using cryptography*" held on 26th July 2013 at school of Computing Science and Engineering, VIT-Chennai.

Attended The faculty Development programme on iLearning course "*Java Fundamentals and Java Programming*" on 7th September, 2013 held at Valliammai Engineering College, Kattankulathur.

Attended the "*Faculty Orientation Programme*" held on 30th -31st December, 2013 at Valliammai Engineering College.

Attended the two days event of ICTACT Bridge 2014, *The Largest Industry – Institute Interaction Event of India* held on 26th -27th February 2014 at Chennai Trade Centre, Chennai

Attended the Four days "*Corporate Training program on IBM SEED*", conducted from 05th – 08th May 2014 at Valliammai Engineering College.

Attended the Five days Faculty Development Programme on "*Cloud Infrastructure and services*" Conducted by ICT Academy of Tamilnadu from 16th – 20th June 2014 held at GKM College of Engineering and technology, Chennai.

Attended the Faculty Development Programme on "*Artificial Intelligence*" through Industrial Visit held on 10th December 2014 at TCS, Siruseri Chennai.

Attended the Workshop on "*Recent Trends in mathematics with Computer Applications*" held on 20th December 2014 at Valliammai Engineering College.

Attended the National Workshop on "*The Next Big Thing in Cloud Computing*" organized by the School of Computing Science and Engineering, VIT Chennai on 10th April 2015.

Attended the Two days National Workshop on "*Awareness in developing Intellectual Property Rights and Patents*" organized by Valliammai Engineering College during 20th – 21st August 2015.

Attended the three days Workshop on "*Data Analytics using 'R'-Programming*" held during 7th to 9th January 2016 at the Department of Compute Technology, MIT Campus, Anna University , Chennai.

Attended the Faculty Development Programme on "*Assurance Faculty Connect Programme*" held on 1st March 2016 at TCS, Siruseri Chennai.

Attended The three days Workshop on "*Grid and Cloud Computing*" Organized by Department of Computer Science and Engineering, Valliammai Engineering College held on 26th- 28th May 2016.

Attended the Faculty Development Training Programme on "*Tamil Computing*" Organized by Department of Computer Science and Engineering, Valliammai Engineering College held on 12th June 2017.

Attended the Faculty Development Training Programme on "*CS6801-Multicore Architecture and programming*" at Panimalar Engineering College from 13th - 20th November 2017

Attended the Faculty Development Programme on "*Knowledge management* " Organized by Department of Computer Science and Engineering, Valliammai Engineering College held on 15th December 2017.

Attended the *Accenture Learning Symposium workshop on "Deep Learning" and DevOps* Conducted on 13th - 14th March 2018 at Amirta School of Engineering, Coimbatore.

Attended the Faculty Development Programme on *"CS6504-Computer Graphics*" Organized by Department of Computer Science and Engineering, Valliammai Engineering College from 14th – 16th June 2018.

Attended the Workshop on "*Webpage and mobile Creation in Tamil* " Organized by Kani tamil Peravai, Valliammai Engineering College held on 28th June 2018

Attended the Faculty Development Programme on " *Artificial Intelligence, machine Learning and Cloud Computing and their Applications*" Organized by Department of Computer Science and Engineering, Valliammai Engineering College from 29th – 04th November 2018.

Attended the Faculty Development Programme on "*Mathematical Computation in Computer Science*" Organized by Department of Computer Science and Engineering, Valliammai Engineering College from 24th – 30th May 2019.

Attended the Faculty Development Programme on "*Core Computer Engineering*" organized by Department of Computer Science and Engineering, Valliammai Engineering College from 11th – 15th November 2019.

Attended the Faculty Development Programme on "*Faculty Development Programme on Value Education*" Organized by Paarivendher Student's Tamil Association , Valliammai Engineering College on 05.12.2019.

Attended the National Webinar on "*Research Publication: Skills, Ethics and Misconducts*"Organised by the department of chemistry,Kumaraguru College of Technology ,held on May 2020.

Attended the 10 days Faculty Development Programme on "*Python Programming and Machine learning Techniques*" organized by Department of Computer Science and Engineering, K.S.R College of Engineering College from 18th – 22th May 2020 and25th -29th May 2020.

Attended the 2 days online Industry Led Training on "*Amazon Web Services*" organized by Department of Computer Science and Engineering, R.M.K College of Engineering College from 4th – 5th June 2020 and25th -29th May 2020.

Attended the Workshop on "Stress Management and Mental Wellness " Organized by Department of Information Technology, Eswari Engineering College held on 22nd June 2020

Attended the National Level Webinar on "Emerging Trends in Online Education: Post Covid-19 by Prof.A.K.Nayak, Immediate Past President , Computer Society of India, on 24th June 2020

Attended Value Added Course on "*Service now administration in Cloud* "organized by Department of Computer Science and Engineering, Valliammai Engineering College from 6th – 14th July 2020.

Attended the Online webinar on " *A Novel way to Teach Operating Systems*" organized by KARE ACM students chapter, Kalasalingam Academy of Research and Education, held on 23.07.20

Attended the Faculty Development Programme on "*Cyber Security*" Organized by Department of Computer Science and Engineering, Valliammai Engineering College held from 08-12 November 2021.

Attended the Faculty Development Programme on "Inculcating Universal Human Values in Technical Education" Organized by All India Council for Technical Education(AICTE) from 20th -24th December 2021.

Guest Lecture Delivered
Handled a Session in Faculty Development Training programme on "*Graphics and Multimedia*", Organized by department of Information Technology, Valliammai Engineering College, Kattankulathur on 2nd May 2015

Handled a Session in Five Days Faculty Development Training programme on "*Theory of Computation*" from 18th- 22nd May 2015 at Valliammai Engineering College.

Handled a Session in Value Added Course on "*Data Structure Using C*" held during 20th – 6th August 2015 at Valliammai Engineering College.

Handled a Session in Two days Faculty Development Programme on "*Compiler Design*" Organized by Department of Computer Science and Engineering, Valliammai Engineering College held on 28th- 29th Jan 2016.

Handled a Session in Two days Faculty Development Programme on "*CS6402-Design and analysis of Algorithm*" Organized by Department of Computer Science and Engineering, Valliammai Engineering College held on 13th- 14th Jan 2016

Handled a Session in Two days Faculty Development Programme on "*CS6008-Human Computer Interaction*" Organized by Department of Computer Science and Engineering, Valliammai Engineering College held on 24th- 25th November 2016.

Handled the session in 5 days Faculty Development Programme on "Fundamentals of Digital ‚Computation and Cryptography" Organized by Department of Computer Science and Engineering, Valliammai Engineering College held on 11th- 15th May 2020.

Handled the session in 5 days Faculty Development Programme on "Research Capabilities in Fog and Edge Computing" Organized by Department of Computer Science and Engineering, Sai Ram Institute of Technology held from 14th- 18th February 2022.