**Bio-Data**

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DESIGNATION :Sr.Assitant Professor

AREAS OF RESEARCH : Cloud Security EMAIL : [k.devipriya20@gmail.com](mailto:k.devipriya20@gmail.com)

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**Google Scholar :** [**https://scholar.google.com/citations?user=ehR7-hIAAAAJ&hl=en**](https://scholar.google.com/citations?user=ehR7-hIAAAAJ&hl=en)

**Research Gate:** **https://www.researchgate.net/profile/Devi-Priya-11**

**Github-Profile:https: github.com/devipriyak**

**vidwan:** **https://vidwan.inflibnet.ac.in/profile/224143**

**Hacker Rank Profile:**[**https://www.hackerrank.com/k\_devipriya20**](https://www.hackerrank.com/k_devipriya20)

**Linked In Profile:**[**linkedin.com/in/devipriya-k-0a1667102**](https://www.linkedin.com/in/devipriya-k-0a1667102)

PHONE : 7730973355

**EDUCATION:**

* Submitted Ph.D. Thesis to JNTUK, Kakinada.
* Awarded M. Tech degree from JNTUK, Kakinada in Oct-2010.
* Awarded B. Tech degree from JNTU, Hyderabad in April, 2006.

**WORK EXPERIENCE:**

* Working **as Sr.Assistant Professor** in the Department of CSE at LakiReddy and Bali Reddy College of Engineering from 16-August-2021 to till date.
* Worked as **Sr.Asst.Professor** in Aditya Engineering College from 2015 to 12-August-2021.
* Worked as **Asst Professor** in Aditya Engineering College from 2007 to 2015.

**PROFESSIONAL ACTIVITIES:**

**PUBLICATIONS:**

**Journals:**

* **DeviPriya, K.,** and Sumalatha Lingamgunta. "Multi factor two-way hash-based authentication in cloud computing." *International Journal of Cloud Applications and Computing (IJCAC)* 10.2 (2020): 56-76. Free Journal with the Web of Science Index(WOS).
* **DeviPriya, K.,** and L. Sumalatha. "Trusted Hybrid Multifactor Authentication for Cloud Users." *i-manager's Journal on Cloud Computing* 7.1 (2020): 12. (Free Journal)
* **DeviPriya, K.,** and L. Sumalatha. "Offline Handwritten Signatures Based Multifactor Authentication in Cloud Computing Using Deep CNN Model." *i-manager's Journal on Cloud Computing* 6.2 (2019): 13. (Free Journal).
* **DeviPriya, K.,** and V. Chandra Kumar. "Efficient Measures for Improvement and Optimization of Big Data Hive Queries." (2017).
* **K. DEVI PRIYA**. and BHIMAKUMAR, N., and "A New Secure Authentication Mechanism using Captcha as a Graphical Password." (2015).

**Conferences:**

* **K. Devi Priya**, and L. Sumalatha. "Secure Framework for Cloud based E-Education using Deep Neural Networks." *2021 2nd International Conference on Intelligent Engineering and Management (ICIEM)*. IEEE, 2021.(Scopus Indexed)
* **K DeviPriya** Presented a paper titled “Necessitate Online Education Services during Coivd-19 Pandemic” in the One-Day National E-Conference on Human Values: Post-COVID 19 sponsored by TEQIP-III (NPIU-MHRD, Govt. of India) and organized by JNTUA College of Engineering (A) Ananthapuramu, A.P. in association with University College of Engineering & Technology, Bikaner Technical University, Bikaner (Raj.) on 14th June 2020.
* **K DeviPriya**, T.Sudha Rani Presented a paper “Quality analysis of education with regression analysis models using R” in National Conference on Emerging Trends in Computing, Conducted by Department of CSE, GIET, Autonomous.
* **K DeviPriya**, L Sumalatha Presented a paper in Third International Conference ” Novel Hash Based Key Generation Algorithm in Cloud “ at MIC college, Vijayawada, publication partner Springer and published in LNNS series Springer(Scopus Indexed)
* **K DeviPriya**, K Bhanu Rajesh Naidu Presented “Similarity measures between Distributed Computing and Cloud Computing “in International Conference conducted by SriVishnu Engineering College ,Bhimavarm on 22-10-2016 to 23-10-2016
* Application of IT in Health Care in Cloud Using R in CSI-January issue.

**Articles Submitted in CSI**

* Published Application of IT in Health Care in Cloud Using R in CSI-January issue.
* PRACTITIONER WORKBENCH “An Insight of Big Data Analytics Using Hadoop” S. Rama Sree and K. Devi Priya Department of CSE, Aditya Engineering College, Surampalem, , Andhra Pradesh published in the CSI Communications Knowledge Digest for IT Community Volume No. 40 | Issue No. 8 | November 2016 , <http://www.csi-india.org/Communications/CSIC_Nov_2016.pdf>

**CERTIFICATION COURSES:**

* Got certified with **Elite** from **NPTEL online certification**  on “**Cloud Computing"** and achieved top 2%.
* Got certified with **Elite** from **NPTEL online certification** on “**InternetworkSecurity"** and achieved top 5%.
* Got certified with **Elite with Gold from** **NPTEL online certification**  on “**Java Programming"** and achieved top 5%.
* Got certified with **Elite** from **NPTEL online certification course** on “**Distributed Systems and Cloud computing"**.

Research Sabattical

* One Month Research Sabbatical Internship completed for the development of deep learning algorithm for cloud authentication, in NIVIDIA,DGXsetup, at the **Bennett University ,Greater Noida, Delhi.**

**WORKSHOPS/FDPS ATTENDED:**

* Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Framework for Online Assessment" from 2021-07-12 to 2021-07-16 at National Institute of Technical Teachers Training & Research.
* Attended 2 week on line FDP on “Developing online courses for SWAYAM” from 21 June 2021 to 5th July 2021 organized by school of Computer Science &IT, online programme cell, Uttaraknada Open University, HaldwaniI
* Attended One Week workshop on Machine Learning Conducted by the NIT Warangal.
* FDP on AWS cloud Computing held from june 22nd 2020 to June 26th ,2020 by APSSDC,Government of A.P
* Faculty Development Program On Block Chain TechnologyHeld From July 13th, 2020 To July 17th, 2020 By **Andhra Pradesh State Skill Development Corporation (Apssdc)**
* Attended A two day Workshop on Cloud Computing Conducted by APSSDC and AWS
* Attended ATwo Week FDP on Big Data&Analytics conducted at PVP Siddartha,Vijayawada from 13th June to 23rd June.
* Attended a two day workshop on Cloud Computing conducted at Adikavi NannayyaUniversity Rajahmundry from13th and 14th Feb-2016.
* Attended FDP on Advanced Web Technologies &Springs organized by APPSSD.
* Attended A Two Week ISTE STTP on “Introduction to Design of Algorithms” conducted by IIT Kharagpur from27th April to 30th May-2015..
* Participated in the Faculty Enablement Program held at Aditya Engineering College Peddapuram from 30thJan to 3rd Feb 2012 conducted by InfoSys.
* A two day FDP on Knowledge Discovery Practices & Engineering Application in Data Mining o 23rd and 24th of March,2013.
* Participated in the one day workshop on NPTEL awareness held on 27th Nov-2012
* Participated in a Mission 10X workshop conducted by Wipro and hosted at Aditya Engineering College from 14th June to 18th June 2010.

Workshops Conducted

* Two months training on Java Programming to Degree faculty of Aditya Group of Educational Institutes
* Two days workshop conducted on Big Data Analytics for department of Computer Science and Engineering, at PACE (A), Ongole from 10-3-2020 to 11-3-2020.

Achievements

* Runner up award in Infosys Inspire Campus Connect conducted by Infosys - Content guru event.
* Resource Person in CSI for Region-5 Vishakhapatnam Chapter in the area of Big Data and Hadoop, Cloud Computing
* Certificate of Excellence in Cloud Computing Technologies conducted at Adikavi Nannayya University, Rajahamundary.

**STUDENTS SUPERVISED:**

* [B.Tech - 40.](https://www.cse.iitk.ac.in/users/karkare/BTP.html), [M.Tech.](https://www.cse.iitk.ac.in/users/karkare/MTP.html) – **06**

**MEMBERSHIPS:**

* + Life Member of Computer Society of India (**CSI**).