CHALLA MADHAVI LATHA

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Objective:

A career in a good Institution that requires contribution in producing outstanding and innovative results promotes teamwork and encourages intellectual growth.

Summary:

- 10 years of experience in various Engineering Colleges as Assistant Professor.
- Expertise in Programming Languages like C, C++, Java, Machine learning.
- Well acquainted at relevant Computer Operations and Applications (Ms- Office).
- Good knowledge in MATLAB, Python, C#,VB.Net, ASP.Net.
- Conducted lab experiments using Packet tracer and VMWare Player
- FTP Server and Remote Desktop Configurations
- Attended various FDP programs on Python and Machine learning concepts.
- Completed Coursera on Machine learning.

Achievements and Awards:

- Publications in international journals – 13
- Publications in National Conference -3
- Accepted Manuscripts - 1

Educational Qualifications:

- M.Tech (Computer Science Engineering) from Acharya Nagarjuna University, Guntur, Andhra Pradesh, India during 2008-2010 with an aggregate of 72.9%.
- M.Sc (Information Technology) from Acharya Nagarjuna University, Guntur, Andhra Pradesh, India during 2006-2008 with an aggregate of 75.5%.

- B.Com (Computer Applications) from DK Women's Degree College affiliated to S.V.University, Tirupati, Andhra Pradesh, India during 1999-2002 with an aggregate of 60%.

Work Profile:

CMR College of Engineering and Technology, Hyderabad (February 2020 to Till date)

- Working in CMRCET, Kandlakoya, Hyderabad as Assistant Professor in CSE Department.
- Taught Computer Science and Engineering Subjects, Data structures and Algorithms, OOPs through JAVA, Computer Networks.
- Worked as class in-charge to mentoring and guiding the students.
- Maintaining good relationship with colleagues.
- Completed NPTEL course on Machine Learning.
- Completed various Coursera certified courses such as Deep learning, Machine learning, Python Data structures, and Linear regression with Python.
- Challa Madhavi latha, K.L.S.Soujanya and C.D. Amulya, (2020), Remote Monitoring and Maintenance of Patients via IoT Healthcare Security and Interoperability approach, Cybernetics, Cognition & Machine Learning Applications proceedings of ICCMLA 2019- Springer. 10.1007/978-981-15-1632-0, Series ISSN - 2524-7565, Hardcover ISBN- 978-981-15-1631-3, eBook ISBN- 978-981-15-1632-0.
- Challa Madhavi latha, Hemanth Sharma, Meera Indracanti, Habtamu Tegene, (2020), Infrastructure for Smart City through a Secured Intelligent Structure for IoT Interoperability, Indian Journal of Computer Science, Vol 5(1), DOI: 10.17010/ijcs/2020/v5/i1/151315.
- Challa Madhavi Latha, Dr. K.L.S. Soujanya and Vijaya Kumar Koppula (2020), Digital Technology for Farmers through CCMM System, International Journal of Psychosocial Rehabilitation, Vol. 24, Issue 05, 2020, ISSN: 1475-7192, DOI: 10.37200/IJPR/V24I5/PR201905.
- Challa Madhavi latha, K.L.S.Soujanya and Abenet Alazar, (2020) Intrusion Detection on Smart Hotel through HISI Approach, Journal of Advanced Research in Dynamical

and Control Systems, Vol -12, Issue-8S, PP- 393-401, 2020, ISSN: 1943-023X, Doi: 10.5373/JARDCS/V12SP8/20202537, ISSSN: 1943-023X.

- Challa Madhavi Latha, Dr. K.L.S. Soujanya (2020), Secured Smart Mobile App for Smart Home Environment, Materials Today: proceedings, Elsevier, ISSN: 2214-7853, https://doi.org/10.1016/j.matpr.2020.07.536.

- Challa Madhavi latha and K.L.S.Soujanya, Secure IoT Framework through FSIE approach, Futuristic Trends in Networks and Computing Technologies, Springer Volume entitled on "Handbook of Wireless Sensor Networks: Issues and Challenges in Current Scenario", Indexed by Scopus and DBLP. (Accepted Manuscript).

University of Gondar – Ethiopia (Oct 2016 to July 2019)

- Worked in University of Gondar, Gondar as Assistant Professor in IT Department.

- Teaching Information Technology Subjects, Data Communication and Computer Networks, System and Network Administration, Network design and Wireless networks, Mobile communications, Fundamentals of Database, Network Design and Information Assurance and Security.

- Conducted Lab Experiments.

- Maintained good relationship with colleagues.

- Participated in Faculty Development Programs and Annual Conferences at the University.

- Challa Madhavi latha and K.L.S.Soujanya, "Enhancing End-To-End Device Security of Internet of Things using Dynamic Cryptographic Algorithm", International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 9, September 2018, pp. 408–415, ISSN Print: 0976-6308 and ISSN Online: 0976-6316. (SCOPUS Indexed)

- Challa Madhavi latha and Lamesgin Addis, "Quality Assurance in Educational Taxonomy through ADQPG system", International Journal of Emerging Technology and Advanced Engineering Volume 9, Issue 4, April 2019, ISSN 2250-2459.

- Challa Madhavi latha and K.L.S.Soujanya, "End-to-End Device Authentication through OSDA Approach", International Journal of Computer Science and Information Security, April 2019 Volume 17 No. 4, ISSN 1947 5500. (SCOPUS Indexed).

- K.L.S.Soujanya, B. Sireesha and Challa Madhavi latha, (2019), Optimizing Big Data Processing by using Hybrid Hierarchically Distributed Data Matrix, International

Journal of Computer Science and Information Security, May 2019 Volume 17 No. 5, pp- 112- 124.

- Challa Madhavi latha,(2019), Computation Model for Mitochondrial functions, 29[th]Annual Research Conference, on 05 & 06[th]April 2019, Organized by University of Gondar, Gondar, Ethiopia.

- Challa Madhavi latha, R – Statistical software Training, Research and Publication coordination office, CNCS, University of Gondar, Gondar, Ethiopia. From January 21[st]to 25[th]2019.

CMR College of Engineering and Technology, Hyderabad (June 2013 to October 2016)

- Worked in CMRCET, Kandlakoya, Hyderabad as Assistant Professor in CSE Department.

- Taught Computer Science and Engineering Subjects, Data Communication and Computer Networks, Web Technologies, OOPs through Java, Linux Programming.

- Worked as class in-charge to mentoring and guiding the students.

- Maintaining good relationship with colleagues.

- Preparing Time tables for B.Tech and M.Tech courses.

- Participated in Faculty Development Program at the college.

- Participated in National Conference NCRTCST .

- Challa Madhavi latha and K.L.S.Soujanya "Key Structure Based Approach towards Scalable Access Control in Cloud Computing" in International Journal of Electronics Communication and Computer Engineering, Volume 4, Issue (6) NCRTCST-2013, ISSN 2249–071X.

- K.R.N.Sandeep and Challa Madhavi Latha "A Novel Approach for Keyboard based Incremental Query Construction in Database Scheme" in Internal Journal of Computer Science Information and Engineering, IJCSIET-ISSUE3- Volume 3- Series 3- ISSN 2277-4408.

- Priyanka Joshi ,and C.Madhavi latha "Routing and Data Dissemination in Mobile Social Networks" in the International journal of Professional Engineering Studies, IJPES-ISSUE-1-26-Volume 4 Oct 2014

- N Sandeep Chaitanya, Ch Madhavi Latha "Privacy Preserving & Prediction based Bandwidth Reduction in Public Clouds" in 4 th National Conference on "Emerging & Innovative Trends in Computer Science" (NCEITCS-2015)
- Coordinator for cultural events in the college events.

Hasvita Institute of Engineering and Technology (July 2011 to June 2013)

- Worked in HIET (Engineering College affiliated to JNTU Hyderabad) as Assistant Professor in CSE department since from July 2011 to June 2013 in Keesara gutta, Hyderabad, India.
- Taught Computer Science Engineering Subjects, Web technologies, Mobile computing, Formal languages and Automata Theory, Data communication and computer networks.
- Prepared Time tables for B.Tech and M.Tech courses.
- Guiding B.Tech and M.Tech Projects.
- Conducting the cultural events in the college functions.
- Monitoring and controlling the Students for good results and behavior.
- Provided Knowledge Transition to new Lecturers and teaching assistants.
- One of the organizer in Conducting International Fest (Adhvaya-12).
- Prepared students for participating in International Symposium.
- Conducting Library books audit and preparing the reports.
- Challa. Madhavilatha and Gadipaka Latha "A Resourceful Approach towards Attribute Based Solution in Cloud Computing" , International Journal of Engineering Science and Research, IJESR/May 2013/ Vol-3/Issue-5/4025-4027 ISSN 2277-2685.

Personal Strengths:

- Ability to make friendly relations and initiative skill.
- Flexible and easy adaptability to circumstances and timings
- Ability to motivate and co-ordinate a group.
- Committed and Fast learner.
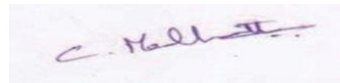- Takes initiative to learn new things and shares knowledge.

Personal Profile:

- Date of Birth   : 14 Aug 1982
- Marital Status   : Married
- Nationality   : Indian
- Passport No   : K8553363
- Passport Expiry Date : 05 Nov 2022

Declaration:

I hereby declare that all the details furnished above are true to my knowledge.

Place   : Hyderabad

(CH.MADHAVI LATHA)