

ALLADA APPARNA

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RESIDENTIAL ADDRESS:

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ACADEMIC QUALIFICATIONS: B. Tech (CSE), M.Tech (CSE).

ACADEMIC REWARDS / ACHIEVEMENTS:

- Secured All India Rank of **6886 in GATE'20** in computer science stream.
- Secured All India Rank of **4564 in GATE'17** in computer science stream.
- Secured All India Rank of **11232 in GATE'10** in computer science stream.
- Secured B+ grade in Oral Communication by ELT-FDP Programme in GEC.
- Secured B+ grade in Written Communication by ELT-FDP Programme in GEC and stood TOPPER of the batch.
- Secured B+ grade in Scholarly Communications by ELT-FDP Programme in GEC and stood TOPPER of the batch.

PROFESSIONAL EXPERIENCE:

Designation	Institution	Period
Asst. Professor	Gudlavalleru Engineering College	29-04-2015 to Till date
Asst. Professor	Ramachandra college of Engineering, Eluru	Aug 2014 to Mar 2015
Asst. Professor	Swarnandhra Engineering College , Narsapur	June 2012 to July 2014
Asst. Professor	Andhra Loyola Institute of Engineering and Technology, Vijayawada	June 2009 to May 2012
Asst. Professor	Sri Sunflower college of Engg & Tech, Lankapalli	Dec 2007 to May 2009
Asst. Professor	Aditya Engineering College, Surampalem	June 2004 to Nov 2007

PROJECTS GUIDED:

PhD	Post Graduation	Under Graduation
NIL	2	13

SPECIALIZATION:

Image Processing, Artificial Intelligence, Machine Learning, Deep Learning

RESEARCH PAPERS / BOOKS:

PAPERS PUBLISHED IN JOURNALS: 7

- **Liver Disease Prediction using Machine Learning-** JAC: A Journal of Composition Theory ISSN: 0731-6755 June 2021.
- **Adaptive Sparse k-means and Optimization enabled Neural network from gene-expression data for Cancer Classification-** Turkish Journal of Physiotherapy and Rehabilitation; Volume 32(Issue 2) ISSN 2651-4451 | e-ISSN 2651-446X, March 2021.
- **The Survival Analysis-Cancer Prediction-** International Journal of analytical and experimental modal analysis, ISSN NO: 0886-9367, Volume XII, Issue V, May 2020.
- **Analysis and Prediction of Crop Production in Andhra Region Using Deep Convolutional Regression Network-** International Journal of Intelligent Engineering and Systems Volume 13 Issue 5 2020.
- **Classification of Alzheimer’s Disease by Using FTD Tree-** Soft Computing and Medical Bioinformatics Springer, Singapore 115-128 2019
- **Monitoring Cryptographic Strength of Wireless Sensor Networks using Knowledge-zero protocol -**International Journal of Advanced and Innovative Research (2278-7844) / #380 / Volume 2 Issue 9 ISSN: 2278-7844.
- **A Manuscript Combination Plan for Controlling Data Reduction Issues-** International journal of Innovative Technology and Research, IJITR Volume 4 Issue 4 June – July 2016, 3126 – 3129.

PAPERS PUBLISHED IN CONFERENCES/WORKSHOPS: 7

- Presented a paper on “**Deep Learning Techniques for Indoor Mobile Robot Operating Using CNN**” at 2nd International Conference on Electronics and Sustainable Communication Systems (ICESC-2021) 04-06 August 2021.
- Presented a paper on “**A Methodological Survey for Stage-wise Identification of Alzheimer’s Disease**” at International Conference on Emerging Electrical Systems and Control (ICEESC-2021) 06-07 May 2021.

- Presented a paper on “**Breast Cancer Prediction using Deep Learning Techniques (IEEE Xplore)**” at 2021 International Conference on Artificial Intelligence and Smart Systems (ICAIS) 25-27 March 2021.
- Presented a paper on “**An Abnormal Area Identification In Lungs For Covid-19 Pandemic Using An Improved Hybrid Abnormal Data Detection Algorithm (Hadda)**” at International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks(CHSN-2020) 28-29 December, 2020.
- Presented a paper on “**Classification of Alziemer’s disease using FTD tree**” at Second International Conference on “Cognitive Science and Artificial Intelligence” at Sree Vidyanikethan Engineering College during 04-05, January 2018.
- “**Cloud Storage in Maintaining Integrity Proof in Real Data**”- ICEETS, Nagercoil, Tamilnadu.
- “**Warehouse Management for Improved Efficiency in A Small Warehouse**”- ICEETS, Nagercoil, Tamilnadu.

LIST OF WORKSHOPS ORGANIZED:

- “**Data Science and Bigdata Analytics**” by DELLEMC in association with ICT from 12th to 15th Sep 2019 at GEC, Gudlavalleru.
- “**Python programming**” (Phase 1 & 2) by APSSDC during Jan 27th -28th 2018.
- “**BigData Analytics with Hadoop**” on 23rd & 24th Feb, 2016 at GEC, Gudlavalleru.
- **Robotics** workshop at SWEC, Narsapur.
- **Android** Workshop at SWEC, Narsapur.
- “**UNLOCK YOUR MIND**” workshop at SWEC, Narsapur.

LIST OF WORKSHOPS/ FDP/ CONFERENCES ATTENDED:

- One week national level GDP on “**Societal Applications of AI, BlockChain and IoT**” from 1st to 5th September 2021, by Shri Vishnu Engineering College for Women, Bhimavaram.
- Six day Online FDP on “**Robotics Process Automation(RPA)**” from 23rd to 28th August 2021, by Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.
- One Week Online FDP on “**Machine Learning, Deep Learning and Natural Language Processing Tool-kit with Hands-on Practice**” from 2nd to 6th August 2021, by Chandigarh University, Mohali.
- Five Day National Level Online FDP on “**Applications of Machine Learning**” from 15th to 19th, June 2021 by Shri Vishnu Engineering College for Women, Bhimavaram.
- Five Day Online FDP on “**Intelligent Systems for Sustainable Development**” from 8th to 12th June 2021, by St.Peter’s Engineering College, Hyderabad.
- One week Online STTP on “**Speech and Image Processing using Deep Learning Techniques**” 3rd to 9th March 2021, by Annamalai University, Chidambaram.
- One week Online FDP on “**Robotics**” 23rd to 27th February 2021, by ATAL Academy, Nelson Mandela Marg, Vasant Kunj, New Delhi organized by Shri Vishnu Engineering College for Women, Bhimavaram.

- One week Online FDP on “**Data Sciences**” 19th to 23rd January 2021, by ATAL Academy, Nelson Mandela Marg, Vasant Kunj, New Delhi organized by Gudlavalleru Engineering College, Gudlavalleru.
- **Performance Computing, Smart Devices and Networks (CHSN 2020)**” from 28th-29th December 2020, by JNTU, Kakinada.
- Virtual Training Programme on “**Effective Solutions for Industrial Problems using Spark and Azure**” from 21st October to 17th November 2020, by JNTU, Kakinada.
- One week Online STTP on “**Deep Learning for Computer Vision Medical Applications**” 16th to 21st November 2020, by Narasaraopeta Engineering College (Autonomous), Narasaraopet
- One day Training Programme on “**Hands on Hadoop**” on 14th October 2020, by Gudlavalleru Engineering College, Gudlavalleru.
- One week Online STTP on “**Machine Learning and IoT Technologies for Environmental Issues- Phase II**” 26th to 31st October 2020, by PVP Siddhartha Institute of Technology, Vijayawada.
- Five Day Online National FDP on “**Recent Trends and Advances in Computational Intelligence**” from 27th to 31st October, 2020 by GMR Institute of Technology, Rajam, Andhra Pradesh.
- Five Day Online National FDP on “**Emerging Research Trends in Computer Science and Engineering (ERTCSE-2020)**” from 19th to 23rd October 2020 by GMR Institute of Technology, Rajam, Andhra Pradesh.
- GMR Institute of Technology, Rajam, Andhra Pradesh during 19th – 23rd October 2020.
- Webinar on “**Deep Neural Networks for Sequence to Sequence Modeling**” on 15th October, 2020 organized by Vignan’s University, Foundation of Science, Technology and Research.
- Webinar on “**Data Mining in Cyber Crime**” on 2nd October, 2020 organized by IFO Forensic Standards and Research Pvt Ltd.
- Webinar on “**Speech Intelligent Systems**” on 26th September, 2020 organized by Vignan’s University, Foundation of Science, Technology and Research.
- One week Online FDP on “**Deep Learning Algorithms for Computer Vision Applications: An Industry Perspective**” 20th to 26th September 2020, by Baba Institute of Technology and Sciences, Visakhapatnam.
- One week Online STTP on “**Data Science for Social Good (Part-II)**” 7th to 12th September 2020, by PVP Siddhartha Institute of Technology, Vijayawada.
- One week Online STTP on “**Data Science for Social Good (Part-I)**” 24th to 29th August 2020, by PVP Siddhartha Institute of Technology, Vijayawada.
- Three Day Online Workshop on “**Security and Usecase aspects of Block Chain Technology**” from 17th to 19th August 2020, by Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad.

- A Six Day International Online Workshop on “**5G Technologies with Applications for IoT**” from 10th to 16th August 2020, by V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING, Gudivada.
- Two days Webinar on “**BigData Analytics: Concepts and Techniques**” on 3rd & 4th August, 2020 organized by Annamalai University, Chidambaram, Tamilnadu.
- Webinar on “**Cyber Physical Systems**” on 8th August, 2020 organized by JNTUK University College of Engineering, Vizianagaram.
- Three Day Online FDP on “**Artificial Intelligence, Machine Learning and its Applications**” from 29th to 31st July 2020, by SRM Institute Of Science And Technology, Kattankulathur.
- Webinar on “**Java Script from Scratch**” on 26th July, 2020 organized by Mount Zion College of Engineering & Technology, Pudukkottai, Tamilnadu.
- Webinar on “**White Hat Hacker**” on 27th-28th July, 2020 organized by VEGA Institute.
- Five Day Online FDP on “**Cyber Secfurity**” from 22nd to 26th July 2020 is association with CyberPsy by Gudlavalleru Engineering College, Gudlavalleru.
- Webinar on “**R language**” on 20th July, 2020 organized by VRS college of Engineering and Technology, Arasur, Tamilnadu.
- One Week Online FDP on “**Introduction to Data Mining and Machine Learning**” from 9th to 15th July 2020, by G Pulla Reddy Engineering College (Autonomous) , Kurnool.
- Three day Virtual workshop on “**Applications of Deep Learning**” from 8th to 10th July, 2020, by Annamlai University, Chidambaram.
- One Week Online FDP on “**Role of Machine Learning & Data Sciences in AI**” from 28th June to 2nd July 2020, by Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad.
- Seven Day Online FDP on “**PHP and MySQL**” from 18th to 24th June 2020, by V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING, Gudivada, In Association with Spoken Tutorial Project, IIT-Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India.
- International Webinar on “**Generative Transformers In Natural Language Processing**” on 13th June, 2020 organized by St. Joseph’s college of Engineering, Chennai.
- Five Day Online FDP on “**BlockChain Technologies**” from 9th to 13th June 2020, by Gudlavalleru Engineering College, Gudlavalleru.
- Webinar on “**Innovation In Technology During COVID Times**” on 8th June, 2020 organized by St. Joseph’s college of Engineering, Chennai.
- Webinar on “**Impact of Covid in Engineering Education & Way forward**” on 9th June, 2020 organized by ISTE Chapter, by Gudlavalleru Engineering College, Gudlavalleru.

- Webinar on "**Introduction to Natural Language Processing and Machine Translation**" on 26th May, 2020 conducted by Department of Information Technology, Shri Vishnu Engineering College for Women, Bhimavaram.
- One week National level Online FDP on "**Artificial Intelligence**" from 24th to 29th May 2020, by Chalapathi Institute of Technology, Mothadaka.
- **Second International Conference on "Cognitive Science and Artificial Intelligence" (ICCSAI-2018)** on 4th and 5th January, 2018.
- One day workshop on "**Internet Architecture and its Recent Trends**" at GEC Gudlavalleru on 27th December, 2017.
- Two day FDP on "**Soft Computing Techniques**" at GEC Gudlavalleru on 21st and 22nd June, 2017.
- One week FDP on "**BigData Analytics**" at GEC Gudlavalleru on 14th to 19th Nov, 2016.
- Two day workshop on "**Windows Azure**" at GEC Gudlavalleru on 21st and 22nd March, 2016.
- Three day FDP on "**BigData Analytics**" at GEC Gudlavalleru on 25th and 27th Feb, 2016.
- Two day workshop on "**Internet of Things**" at GEC Gudlavalleru on 27th and 28th Nov, 2015.
- "**UNLOCK YOUR MIND**" workshop at SWEC, Narsapur.
- "**Instructional Design and Delivery**" from 5th to 10th July, 2004, at Sri Sarathi Institute of Engineering and Technology, NUZVID.

CERTIFICATIONS:

- "**EMC Academic Associate, Data Science and Big Data Analytics**" by DELL Technologies, 30th December, 2019.
- Secured 85% "**ELITE+Topper 1%**" in "Operating System Fundamentals" in NPTEL.
- Secured 85% "**ELITE+Topper 5%**" in "Switching Theory and Logic Design" in NPTEL.
- Secured 86% "**ELITE SILVER**" in "Joy of computing using python" in NPTEL.
- Secured 84% "**ELITE**" in "Problem Solving using C" in NPTEL.
- Secured 75% "**ELITE SILVER**" in "Cloud Computing" in NPTEL.

INDUSTRIAL TRAINING:

- ❖ 30 days Webinar Series on AI master class by Pantech solutions, APSSDC, Oct 5th to Nov 3rd 2020.
- ❖ Undergone training in ORACLE 10g at Oracle, Hitech city, Hyderabad, 5th to 10th Feb 2006.

GUEST LECTURES DELIVERED: NIL

MEMBERSHIP IN PROFESSIONAL BODIES:

- Member of Institute of Engineering & Technology(IET), UK.(1100265014)
- Member of The Institution of Engineers, INDIA (M-1637198)

CONSULTANCY ACTIVITIES: NIL

GRANTS FETCHED: NIL

Place: Gudlavalleru

Signature

Date: