

## PROFILE

- 1. Name & Designation:** Smt N V S K Vijayalakshmi K  
Assistant Professor
- 2. Date of birth:** 24-10-1987
- 3. Address:** Flat No: 303, Annapurna  
Apartment, Vidya Vikas  
School Road, Satrampadu,  
Eluru, West Godavari-534007.
- Contact no. :9492228790.
- E-mail id: vijayakathari@gmail.com  
Vijaya\_kathari@yahoo.com
- 4. Nationality:** Indian
- 5. Religion** Hindu
- 6. Educational qualifications:**

S.NO	DEGREE	YEAR OF PASSING	UNIVERSITY
1	Ph.D	Pursing	Annamalai University,Tamilnadu
2	M.TECH	2011	JNTUK
3	B.TECH	2009	JNTUK

## 7. Teaching Experience:

S.No	Organization/Designation	From	To
1	Assistant Professor, Akula sreeramulu Institute of Engg and Technology, Prathipadu, Tadepalligudem	5th June 2011	30th April 2012
2	Assistant Professor, Sir C R R College of Engg, Eluru	1st June 2012	Till

**Total Experience: 10+ years**

## 8. Membership/Fellowship of professional societies:

- 1) Member in IAENG
- 2) Member in MIE
- 3) Member in UACEE
- 4) Member in IASTER
- 5) Member in ICSES
- 6) Member in IFERP

## 9. Other Responsibilities:

- (i) Involved in the preparation of NBA Tier-II Application.
- (ii) Involved in the preparation of AICTE and University Reports during Visits.
- (iii) Worked as anti-ragging member at college level.

**Skills / Abilities:** C, Python, UNIX, Windows, DataWare Housing and Data Mining, WEKA tool, R Tool.

**Objective:** Preparing students for the many facets of an increasingly technologically- driven lifestyle.

## 10. Training Course/Seminar/Workshop Participation

Name of the Online FDP	Number of days	Organized Institute	Date/Month
FDP on ML & Optimizatin	5days	ATAL	12-7-2021 to 16-7-21

Techniques:Applications to Financial Markets			
FDP on Speech,Audio and Image Processing using Deep Learning Techniques:Research issues,Innovation and Applications	5Days	<b>ATAL</b>	18-10-2021 to 22-10-21
Workshop on Examination Reforms	3 Days	<b>AICTE&amp;CHITKARA UNIVERSITY</b>	8-7-21 TO 10-7-21
FDP on Python Programming	20Days	<b>APSSDC</b>	16-8-21 TO 4-9-21
FDP on AI & ML	6Days	<b>Sir C R R College of Engineering in association with CCE,NIT Warangal</b>	11-11-21 to 26-11-21
Artificial Intelligence using Python	6 Days	<b>G.Narayannamma Engg college</b>	14-09-2020 to 19-09-20
Break the ICE: An introduction to creating your first bot	1 Day	<b>Sir C R R College of Engineering</b>	01/08/2020
Machine Learning and Cloud Infrastructure	5Days	<b>Jeppiar institute</b>	6th July 2020 to 10th July 20
Three Day FDP on “ Computer Vision, Image Processing Techniques with openCV-Python ” ,	3days	<b>Organized by Department of Computer Science and Engineering , RISE Krishna Sai Gandhi Group of Institutions, Ongole</b>	15-08-2020 to 17-08-20
Two-Week Online AICTE sponsored Faculty Development Program on Data Science using Python organized by Department of Information Technology,	14 Days	<b>Shri Vishnu Engineering College for Women, Bhimavaram</b>	23-11-2020 to 05-12-20
One Week Faculty Development Program (FDP) On Introduction to Data Mining and Machine Learning	7Days	<b>G PULLA REDDY ENGINEERING COLLEGE (Autonomous) :: Kurnool</b>	9th July 2020 to 15th July 2020
Android Development with Kotlin train -the-	6Days	<b>APSSDC</b>	31-8-20 to 5-9-20

Trainer Program			
Two days online Workshop on Free & open source alternative for web conferencing and teaching learning	2Days	<b>Mahatma gandhi Institute of technology</b>	15th & 16th July 2020
A National Level Five Day FDP on “Trends and Advances in Cryptography”	5 Days	<b>bSreenidhi Institute of Science &amp; Engineering , Hyderabad.</b>	24th - 28th August, 2020
5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education”	5 Days	<b>organized by All India Council for Technical Education(AICTE)</b>	28 June, 2021 to 2 July, 2021.
STTP on Writing & Publishing High Impact Research publications &Scientific documents	6 days	<b>Rajalakshmi engg college</b>	5-10-20 to 10-10-20
FDP on Machine Learning and Data Analytics with Python	9 Days	<b>IIT, Roorkee</b>	06th-14th MAY 2020.
FDP on Online Teaching Etiquette and best practices	1Week	<b>Santhiram Engineering College,Nandyala</b>	10th-15th MAY 2020
FDP on How to use Cloud Computing Effectively	3 Days	<b>Sathyabhama Institute of Science and Technology</b>	11th-13th MAY 2020
FDP on Industry Perspective On Data Science and Cloud Computing	3 Days	<b>Sathyabhama Institute of Science and Technology</b>	14th-16th MAY 2020
International FDP on Industry 4.O,Technically sponsored by ACM	2 Weeks	<b>JSPM's Rajarshi Shahu College of Engineering, Pune</b>	18th-29th MAY 2020
FDP on Python Programming	2Weeks	<b>APSSDC</b>	18th-30th MAY 2020
FDP on Artificial Intelligence	1 Week	<b>BVTIT,Hyderabad</b>	22nd-26th MAY 2020
FDP on Microsoft Azure	1 Week	<b>Lakireddy Balireddy College of Engineering,Mylavaram</b>	25th-29th MAY 2020

FDP on Artificial Intelligence	1 Week	<b>RCE,Eluru</b>	25th-30th MAY 2020
FDP ON ISP-2020	1 Week	<b>MNNIT,Allahabad</b>	26th-30th MAY 2020
FDP on Cloud Infrastructure and Virtualization	1 Week	<b>Institute of Aeronautical Engineering</b>	25th-29th MAY 2020
FDP on Skills to Improve Teaching Performance & Productivity - Post Covid 19	1 Week	<b>Dr. K.V. Subbareddy School of Business Management in Association with Y Intercept Solutions, Hyderabad</b>	20th-26th MAY 2020
Hands on FDP:Data Science Using Python	1 Week	<b>Jeppiaar Institute of Technology,Sriperumbudur</b>	18th-22th MAY 2020
<b>Name of the Online Workshop/Webinar</b>	<b>Number of days</b>	<b>Organized Institute</b>	<b>Date/Month</b>
Open access resources ,tools and techniques for researchers	1	<b>Adikavi Nannayya University</b>	29/5/2020
RESEARCH MEASUREMENTS AND PARAMETERS FOR FACULTY PUBLICATIONS	1	<b>NRI Institute of Technology</b>	30/05/2020
The Impact of Quantum Computing on Cryptography	1	<b>SRINIVASA RAMANUJAN INSTITUTE OF TECHNOLOGY</b>	30/05/2020
Identification of Internet Suspect Criminals using Forensic Field True Traveller Kit	1	<b>Francis Xavier Engineering College, Tirunelveli, Tamil Nadu</b>	<b>27/05/2020.</b>
Machine Learning:part-1	1	<b>Acharya Nagarjuna University</b>	20/05/2020
A Webinar on Successful Steps Towards High Quality Scientific Publications	1	Chalapathi Institute of Technology	18/05/2020
A Webinar on Node.js	1 Day	LBCE,Mylavaram	17th May 2020
A Webinar on Microservices Architecture	1 Day	LBCE,Mylavaram	16th MAY 2020
A Webinar on Virtual class room	1 Day	LBCE,Mylavaram	11th MAY 2020

management using Microsoft Teams			
A Webinar on Drafting and Publication Of Research Articles in Peer Reviewed Journals	1 Day	Sri Mittapalli College Of Engineering, Guntur	16th MAY 2020
A Webinar on Outcome Based Education Software	1 Day	Vmedulife software services	14th MAY 2020

- 1) Participated in 5-days National level workshop on “Entrepreneurship & Intellectual Property Rights” from 01-11-2019 08-11-2019 at Ramachandra College of Engineering, Eluru.
- 2) Participated in One Week FDP on “Problem Solving Techniques using C AND Data Structures” from 11<sup>th</sup> Nov, 2019 to 16<sup>th</sup> Nov, 2019 at SIR C R Reddy College of Engineering, Eluru.
- 3) Participated in 7 days NPTEL-AICTE sponsored Faculty Development Programme on “Teaching and Learning in Engineering-2”, from July –Sep 2019.
- 4) Participated in 10 days NPTEL-AICTE sponsored Faculty Development Programme on “Software Engineering” ,from Jul –Oct 2018
- 5) Participated in 7 days NPTEL-AICTE sponsored Faculty Development Programme on “Introduction to Research” ,from Aug –Sep 2018
- 6) Participated in 3 days NPTEL-AICTE sponsored Faculty Development Programme on “Teaching and Learning in Engineering”, from Feb –Mar 2019.
- 7) Participated in 1-Day workshop on "Cyber Security" on 22<sup>nd</sup> September 2018.
- 8) Participated in 5-days Faculty Development Programme on “Software Testing” from 20-12-2015 to 24-12-2015 at E&ICT Academy, NIT, Warangal.
- 9) Participated in 2-days National Workshop on “Big data and Hadoop tool”, on 31<sup>st</sup> July and 1<sup>st</sup> August 2015, at VKR, VNB & AGK College of Engineering, Gudivada.
- 10) Participated in 1-Day workshop on "Internet of Things" on 7<sup>th</sup> September 2016.
- 11) Participated in 6-Days E&ICT Sponsored Faculty Development Programme on “Data Analytics with R” from 15th to 20th May 2017, at VNR Vignana Jyothi Institute of Engineering & technology, Hyderabad.
- 12) Participated in One Week AICTE-ISTE Refresher Programme on “Recent Advances and Applications in Cognitive Computing” from 28 May, 2018 to 02 June, 2018 at Institute of Aeronautical Engineering (IARE), Hyderabad.
- 13) Participated in a one week Faculty Development Programme (Summer Course) on “Big Data Analytics” jointly organized by E&ICT Academies during 21<sup>st</sup> 25<sup>th</sup> may 2018 through National Knowledge Network at NIT, Warangal.
- 14) Participated in 2-Day National Conference NCRCSIT-2013 (National

Conference on Recent trends and Research issues in Computer Science and Information Technology) on 28th and 29th December 2013.

15) Participated in 2-Day AICTE Sponsored National Workshop on "Data Mining and Business Intelligence Systems" on 7th and 8<sup>th</sup> March 2014 at Sir .C.R.R College of Engineering.

16) Participated in 2-Day workshop on "Web Design" on 1st and 2nd Aug 2012

## **11. Publications:**

### **Details of Publication of Research papers:**

1. Implementation of Artificial Neural Network. . International Journal for Innovative Engineering and management Research (IJIEMR-2019) on 21<sup>st</sup> Dec 2019.
2. A framework for mining huge data by non-expert users with the assistance of knowledge base. International Conference ICCVML-2018 (International Conference on Computer vision and Machine learning) on 27th and 28th December 2018
3. A new dynamic and enhanced resource allocation algorithm in cloud computing, International Conference ICCVML-2018 (International Conference on Computer vision and Machine learning) on 27th and 28th December 2018.
4. Survey: Image forgery and its detection techniques. International Conference ICCVML-2018 (International Conference on Computer vision and Machine learning) on 27th and 28th December 2018.
5. Convolutional neural based deep learning systems for detecting objects. International Journal of Engineering Technology and Management Science (IJETMS) .in Issue: 2, Volume No.2, July-2018 ISSN: 2581-4621(Online).
6. Generating an data mining learning base approach for non-master users. International Journal of Engineering Technology and Management Science (IJETMS) .in Issue: 2, Volume No.2, July-2018 ISSN: 2581-4621(Online).
7. A New Resource Allocation Algorithm for Cloud Based on Available PMs and VMs. International Journal of Engineering Technology and Management Science (IJETMS) .in Issue: 2, Volume No.2, July-2018 ISSN: 2581-4621(Online).
8. Reverse accessible in local outlier factor density based recognition. International Journal of Research (IJR) p-ISSN: 2348-6848 e-ISSN: 2348-795X Volume 03 Issue 10 June 2016.
9. Sentiment Implant Ranking with Request to Attitude Inspection. International Journal of Science, Engineering and Technology Research (IJSETR) ISSN 2319-8885 Vol.06,Issue.29 September-2017, Pages:5651-5655
10. Construction of Recognition Methodology using Genetic Algorithm. International Journal of Science, Engineering and Technology Research (IJSETR) ISSN 2319-8885 Vol.06,Issue.29 September-2017, Pages:5651-5655
11. Reliable Data Storage in a Cloud using Security Schemes. International Journal of Science, Engineering and Technology Research (IJSETR) ISSN 2319-8885 Vol.06,Issue.29 September-2017, Pages:5651-5655
12. Spatial Data in Peer To Peer Systems. National Conference NCRRCISIT- 2013 (National Conference on Recent trends and Research issues in Computer Science and Information Technology) on 28th and 29th December 2013.

13. Enhancing the pair wise key Distribution scheme in presence of unreliable links  
National Conference NCRRCISIT-2013 (National Conference on Recent trends  
and Research issues in Computer Science and Information Technology) on 28th  
and 29th December 2013.

14. Scalable distribution in data summarization clustering. International conference  
on nanoscience, Engg and advanced computing(ICNEAC-2011)

**12. Workshops/seminars/Conferences Organized:**

- 1) As a coordinator conducted 5-Day Online FDP on AI&ML from 22<sup>nd</sup> to 26<sup>th</sup>  
November,2021@ Sir CR Reddy college of Engineering in association with  
CCE,NIT Warangal.
- 2) 2-Day AICTE sponsored National Workshop on "Data Mining and Business  
intelligent systems" on March 7<sup>th</sup> and 8<sup>th</sup> at Sir CR Reddy college of  
Engineering as staff coordinator.

**13. Any Other Achievements:**

1. Ratified as Assistant Professor in Andhra University
2. Ratified as Assistant Professor in JNTU, Kakinada