

# B.L.V.Vinay Kumar

M. Tech(Ph.d)

**Marital Status:** Married  
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**Membership:** ACM

**S/o** B V D Prasadarao  
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Visakhapatnam-530041  
Andhra Pradesh. India

## OBJECTIVE:

Seeking a position to utilize my skills and abilities in an industry that offers professional growth besides enabling me to be resourceful, innovative and flexible.

## IT EXPOSURE:

- Programming languages:** C, Core-Java
- Database:** Oracle 10g,
- Web Technologies:** HTML,PHP,SERVLETS,JSP
- Operating Systems:** Windows Xp, Vista, 7, Ubuntu.
- Other Skills:** Hardware, Ms-Office.

## EDUCATIONAL QUALIFICATIONS:

Class	Year	University / Board	%
Ph.d	2014-till date	Andhra University	
AMIE	2017-2019	IEI	82.5
M.Tech (CS&SE))	2008	Andhra University	72.2
MSc	2002	Andhra University	65.5
BSc	2000	Andhra University	73.84

## TEACHING EXPERIENCE:

**1) Name of College:** Gayatri Vidya Parishad Colleg Engineering for women

**Designation:** Asst Professor

**Experience:** june-16 2010 to till date

**2) Name of College:** Vignan institute of Engineering for women

**Designation:** Asst Professor

**Experience:** 2008-2010

## SUBJECTS TAUGHT:

C & Data Structures, Java & Web Technologies (HTML, , Java Script, XML, Servlets, JSP), JDBC, , Object Oriented Analysis & Design (UML), Principal of programming languages ,MFCS ,PHP,Design Patterns, Python Programming

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**PAPERS PUBLISHED:**

- “The Homomorphism and Anti Homomorphism on Fuzzy and Anti Fuzzy Rings” in Varahmir Journal for Mathematics.
- Concurrency of mutations, microsatellites and predicted domains in kcnq1, kcnh2 and scn5a genes causing long qt syndrome disease (Journal For Proteomics)
- Results Concerning Acyclic Chromatic Numbers Of Graphs International Journal of P2P Network Trends and Technology (IJPTT) – Volume 9 – June 2014
- Evaluation of Optimised Apriori Algorithm on HDFS using MapReduce in Hadoop Distributed Mode IJERTV5IS120166
- Penetration Testing using Linux Tools:Attacks and Defense Strategies (IJERT) Vol. 5 Issue 12, December-2016
- Collaboration of Blockchain and Machine Learning in Healthcare Industry (IJEAT) ,Volume-9 Issue-1, October 2019(**SCOPUS**)
- Blockchain Based Smart Contract for Sealed- Bid Auction (IJEAT) , Volume-8 Issue-6, August 2019(**SCOPUS**)

**PARTICIPATED IN THE FOLLOWING SEMINARS / WORKSHOPS:**

- Participated in IWTER-07 conducted by Andhra University on 23<sup>rd</sup> ,24<sup>th</sup> Oct 07
- Participated in Ijiggle-07 conducted by jigsaw Bio solutions in association with ANITS Engg college
- Participated in International workshop on Cloud Computing conducted by CDAC-chennai and IIITK
- Participated for one month training and selected as mentor trainee for the Teacher Training Program (TTP-7) at IIIT-H.
- Participated in 3-day workshop on Hadoop and Bigdata conducted by GVP college of Engineering for Women
- Participated in Microsoft Azure Training conducted at GVP college of Engineering for Women
- Participated in International workshop on Discrete Mathematical Structures and its applications conducted at GVPCEW
- Participated in a three day national workshop on "Biological Inspired computing an applications(BICA 2018) sponsored by science and engineering research board, DST organized by dept of CSE March 2018.
- Participated in three day national workshop on "Cryptology and cyber security(WCCS) 2018 sponsored by cryptology research society of India organized by dept of CSE, ECE march 2018.

### **Faculty development programme (FDP);**

- FDP on blockchain architecture designing and use cases funded by ministry of HRV.
  - FDP on cryptology and coding theory for one week at NIT Warangal Jan 2019.
  - Participated in one day faculty development program on "Analytics using R" conducted by dept of CSE and IT GVPCEW NOV 2017.
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### **Certifications;**

1. Certified in block chain architecture design and use cases Oct 2018 NPTEL.
2. Certified in python for data science with elite silver NPTEL Nov 2019.
3. Wipro certified faculty as a mentor for project based learning 'PBL' in JAVA j2EE.

### **ACADEMIC PROJECT PROFILE:**

- 1) **Title: CIAO Andriod App** Java 1.6 (Andriod SDK) and done in Windows Xp  
**Type:** BTech Project  
**Description:** E-greeting is a project where a user chooses from a catalogue of e-cards made available in this application The app template gallery,frames library is dynamic to cover all occasions This app has user's own quotes and greetings.  
**The duration of the project:** 2014-15
- 2) **Title: Analysis of Twitter data files)**  
**Type:** B. Tech Project  
**Description:** Twitter . is a great place to track emerging trends This project is used to compare popularity of programming languages and countries from which tweets are sent Graphs have been plotted and url's have been retrieved  
**The duration of the project:** December 2014 to March 2015
- 3) **Title: Storm Identification using Big raw rainfall data**  
**Description:** In this Storm identification is done using map reduce model
- 4) **Title: Blockchain based smart contract for sealed bid auctions**  
**Description:** This project demonstrates smart way of bidding using the blockchain technology tackling security issues without involving third party between the bidder and auctioner.  
**The duration of the project: 2018-19**
- 5) **Title: Credit card fraud classification using machine learning techniques.**  
**Description:** Due to rapid enhancement in the e-commerce there is a drastic increase in the usage of credit cards for payment both offline and online involving lot of frauds in credit card transactions. To model the sequence of operations involved in transactions using machine learning models to find the frauds involved.

**The duration of the project: 2017-18**

**6) Title: Broadcasting of services using COOJA simulator for IOT devices.**

**Description:** The COOJA network simulator used for performance evaluation of wireless sensor networks.

**The duration of the project: 2017-18**

***EXTRACURRICULAR ACTIVITIES:***

- **Stood University fourth in M Sc**
- **Obtained rank 33 in AUCET**
- **GATE 2012(QUALIFIED)**
- **Passed with distinction throughout career**

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***DECLARATION:***

I consider myself familiar with Information Technology aspects. I am also confident of my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

B.L.V.V.Kumar