

**Name: Dr. V.Baby**

**Designation: Associate Professor**

**Department: CSE**

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**AICTE Faculty Id: 1-472569683**

**Date of Birth: 18-06-1977**



**Experience (in years): Teaching: 23 years    Research: 06    Others (If any, Specify):**

**1. Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.Tech	1999	CSE
2	M.Tech	2006	CSE
3	Ph.D	2022	CSE

**2. Teaching and Learning:**

- 2.1. Teaching Interests: Computer Programming, Data Structures, Advanced Data Structures, C++, JAVA, UML, Operating Systems, Advanced Unix Programming.
- 2.2. Novel Teaching & Learning Techniques adopted: Learning by doing, POGIL
- 2.3. Involvement in curriculum updating / Design: Framing the syllabus, Developing course objectives and outcomes

**3. Co-curricular and Extra-Curricular Activities**

- 3.1. Interests and Hobbies: Reading Books and painting, Cooking
- 3.2. CCA/ECA Organized:
  - Conducted state level Coding contest Turing Cup -2022 as part of TURING HUT activities
  - Conducted Inter branch coding competition in VNRVJIET
- 3.3. CCA/ECA participated: Acted as Internal Smart India Hackathon Judge
- 3.4. Counseling and Mentoring Activity: Mentor for I, II, III year B.Tech Students
- 3.5. Committees involved in:
  - Department level: Academic Review committee member
  - Department NBA Coordinator for UG programme
  - Institute Level:
    - A member in Refreshments and press committees for convergence, Annual day.

- A member in Disciplinary committee member for Student Induction Programme -2022 for the First year students

#### **4. Conference / Workshop / Seminar / Guest Lectures:**

4.1

##### **a. Conducted:**

1. Conducted a SDP Programme on “Advanced Data Mining Techniques” from 14<sup>th</sup> to 21<sup>st</sup> May 2012
2. Conducted a 3-Day workshop on "Big Data Analytics and Cloud Computing" from 4<sup>th</sup> to 6<sup>th</sup> September 2014.
3. A two day workshop on" OOAD using UML a case study approach from 6th to 7<sup>th</sup> Novemeber 2015.
4. Conducted a workshop on "Android applications" on Dec 19th 1nd 20th 2014.
5. A member in organizing committee in the conduct of conference on "Data analytics" from 5th to 7th Jan 2017
6. Conducted a one week FDP on “Block Chain Strategic Importance”, at VNRVJIET, from 25<sup>th</sup> to 30<sup>th</sup> Nov, 2019.
7. Conducted A ‘Turing Cup’ , state level coding contest in Feb’ 2019 as a part of Turing Hut Event
8. Conducted A ‘Turing Cup’ , state level coding contest in Feb’ 2020 as a part of Turing Hut Event
9. Conducted a 5 day workshop on “Competitive Coding” for 1<sup>st</sup> year B.Tech from 20<sup>th</sup> May to 25<sup>th</sup> May 2020.
10. Conducted a 3 day workshop on “App Development Using Flutter”, from 29<sup>th</sup> May to 31<sup>st</sup> June 2020.
11. Conducted a VJ Hackathon, 4<sup>th</sup>- 5<sup>th</sup> November- 2022
12. Conducted a Project Halloween on 9<sup>th</sup> November 2022 by TuringHut
13. Conducted Turing Cup-2023, a National Level Coding contest within the campus.  
The contest consists of online round on 11.03.2023 followed by onsite round on 25.03.2023.

##### **b. Attended:**

1. A workshop on “Data Analytics” 04-01-2017 at VNRVJIET
2. A conference on "Advances in Computing, Communications and Informatics (ICACCI), 2016" 21-09-2016 to 22-09-2016. at Jaipur.
3. Faculty development program on "Sensor Networks and Internet of Things" organized by NIT warangal from 27th Nov to 2nd Dec 2017
4. A National workshop on "INTERNET OF THINGS" from 21/08/2015 to

22-0/2015.at Vasavi college of Engineering.

5. faculty Development Program on “ Data mining Tools and Research Issues” from 16<sup>th</sup> to 17<sup>th</sup> May 2014 Conducted by BVRIT, Narsapur, Hyderabad.
6. An International Conference on Data Sciences from 26<sup>th</sup> to 28<sup>th</sup> Feb 2014 Conducted by VNRVJIET, Hyderabad.
7. A 3 Day workshop on “ Big Data Analytics” in MNIT, Jaipur in Nov 2013.
8. Attended a **FDP101x** on "Foundation Program in ICT For Education", from 3rd August to 7th September, 2017 organized by **IIT Bombay**, under aegis Pandit Madan Mohan Malaviya Mission for Teachers and Teaching (PMMMNTT),**MHRD**,
9. Attended AICTE approved FDP on “Pedagogy for online Blended Teaching-Learning Process “conducted by IIT Bombay from Sep 14, 2017 to Oct 12, 2017.
10. Attended a 2 week FDP on “Mentoring Educators in Educational technology”, by IIT Bombay from May 17<sup>th</sup>, 2018 to July 5<sup>th</sup> , 2018.
11. Attended a one week FDP on “Block Chain Strategic Importance”, at VNRVJIET, from 25<sup>th</sup> to 30<sup>th</sup> Nov, 2019.
12. Attended a Workshop on “Python for Data Science” held at Bennett University from 13<sup>th</sup> May to 17<sup>th</sup> May 2020.
13. Attended a one week FDP on “Python for Machine Learning”, at VNRVJIET, from 18<sup>th</sup> May to 23<sup>rd</sup> May 2020
14. Completed a Project Based online course on “Machine Learning using python” by Skifi labs in the Month of April 2020.
15. CS1301xI: Computing in Python I: Fundamentals and Procedural Programming a course of study offered by GTx, an online learning initiative of the Georgia Institute of Technology.
16. CS1301xII: Computing in Python II: Control Structures a course of study offered by GTx, an online learning initiative of the Georgia Institute of Technology.
17. CS1301xIII: Computing in Python III: Data Structures a course of study offered by GTx, an online learning initiative of the Georgia Institute of Technology.
18. CS1301xIV: Computing in Python IV: Objects & Algorithms a course of study offered by GTx, an online learning initiative of the Georgia Institute of Technology.
19. 5- day FDP on Recent Advancements in Machine Learning & Deep Learning from 26<sup>th</sup> April 2021 to 30<sup>th</sup> April 2021

20. Completed 12 weeks NPTEL Certification on “ NBA Accreditation and Teaching and learning in Engineering “, from 24 Jan 2022 to 24 Jan 2022
21. Participated in One-week Online STTP on "Covid-19 Data Analysis with Deep Learning", held from 08/11/2021 to 15/11/2021 organized by AICTE
22. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Data Science in IoT" from 21/06/2021 to 25/06/2021.
23. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Exploring Machine Learning and Deep Learning Algorithms for Natural Language Processing (NLP) Applications " from 22/11/2021 to 26/11/2021
24. Attended a FDP on “Recent Trends in Cognitive Science and its Applications” from 13<sup>th</sup> to 18<sup>th</sup> March 2023 conducted by VNRVJIET.
25. Attended a UGC - Sponsored Webinar participated in Webinar on "NEP-2020 Implementation Plan: Multidisciplinary and Holistic Education" held on 18th June 2022.
26. Attended online ShortTerm Course on “Data Visualization for Deep Learning Using Power BI and Tableau” conducted by the Dept. of CSE, NIT Warangal and Dept.IT. VNRVJIET, Hyderabad in association with CCE, NIT Warangal from 23-02-2023 to 28-02- 2023.
27. Completed UdeMy Certification on “Mastering Data Structures and Algorithms Using C and C++.

**Academic Contribution and Research & Consultancy:**

- 5.1. Invited Lectures: A guest lecture on “ C Programming Language” on 10<sup>th</sup> January 2023 in Shreyas Engineering College
- 5.2. Articles / Chapters published in Books: 01
- 5.3. Books published as single author or as editor: NA
- 5.4. Projects Guided:
  - a) UG: 40
  - b) PG: 17
- 5.5. Research Interests: Privacy Preserving Data Mining
- 5.6. Ph.D students: NA
  - a) Enrolled:

b) Submitted:

c) Awarded:

5.7. Papers published in reviewed Journals:

<b>S.No</b>	<b>Title of the Paper</b>	<b>Journal Name Vol.No. PP</b>	<b>ISBN/ISSN No.</b>	<b>Impact Factor/ Citation Index</b>	<b>National/ International</b>
1	A survey on Privacy Preserving Clustering	CIIT		0.8	International
2	Securing Privacy over Encrypted Cloud Data Using Multiple Keywords Rank Based Search	J-International Journal Of Engineering And Computer Science(IJECS), Vol.5,issue 7	ISSN: 2319-7242	2.3	International
3	Privacy - Preserving Distributed Data Mining Techniques: A survey	International Journal of Computer Applications vol:143, issue:10	0975 - 8887		International
4	Securing Web Based Applications With Privacy Preserving Traffic Padding	J- IJRET: International Journal of Research in Engineering and Technology, Volume: 04	eISSN: 2319- 1163   pISSN: 2321-7308		International
5	Privacy preserving association rule mining based on Homomorphic computations	Int. J. Information Privacy, Security and Integrity Volume: 3 Issue: 4 Pages: 268-283	ISSN online 1741-850X ISSN print 1741-8496		International

6	Passcode Detection Using The Color Grid	Journal of Emerging Technologies and Innovative Research (JETIR) Volume: 5 Issue: 7 Pages: 194-197	eISSN: 2349-5162		International
7.	Privacy Preserving Distributed Association Rule Mining Algorithm for Vertically Partitioned Data	International Journal of Computer Science and Information Security (IJCSIS) Volume 15 Issue 8 Pages: 130-138	ISSN 1947 5500		International
8	Air Guide: Indoor Air pollution Monitoring Application	Journal of Emerging Technologies and Innovative Research (JETIR) Volume:5 Issue: 5 Pages: 566-570	eISSN: 2349-5162		
9.	Performance Analysis of Data Mining, Neural networks &SVM and Fuzzy Algebra in Decision Making Process for Machine Learning Dataset	International Journal of Engineering & Technology, Volume:7 Pages: 689 -698	ISSN: 2227-524X	4.28	
10.	Asistencia – An AI Attendance Marking System	Journal of Emerging Technologies and Innovative Research 6 (6), 155-158	ISSN: 2349-5162	5.4	International

11	Various Approaches for Suicidal Tendency Detection: A Literature Review	International Journal of Scientific Development and Research (IJSDR)	ISSN: 2455-2631	8.15	International
12	A Novel Approach to Predict the Reason for Baby Cry using Machine Learning	International Journal of Computer Science Trends and Technology (IJCT)	ISSN: 2347-8578	5.21	International
13	An Amazon Lex Based Interactive Virtual Assistant for C Programming	International Journal of Engineering Research & Technology (IJERT)	ISSN: 2278-0181		International
14	Asana Aesthetics	International Journal of Engineering Research & Technology (IJERT)	e-ISSN: 2395-0056	7.5	International
15	A study on techniques to combat fraud and price variations in E-Commerce Applications using Blockchain and Machine Learning	International Journal of Engineering Research & Technology (IJERT)	e-ISSN: 2395-0056	7.5	International

5.8. Papers presented at National / International Conference:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Virtual Lab Environment For Programming Using Mean Stack	Smart Systems and Inventive Technology (ICSSIT-2022)	International	2022
2	Blocking Mobile Based Games and Nullifying the Search String Containing Inappropriate Words	ICACECS2020	International	2021
3	Distributed threshold k-means clustering for privacy preserving data mining	Advances in Computing, Communications and Informatics (ICACCI), 2016	International	03/11/2016

4	Cloud Computing:Architecture, Security issues and proposed deployment models	ICETT 11	International	03/2011
5	Virtual Lab Environment For Programming Using Mean Stack	Proceedings of the Fourth International Conference on Smart Systems and Inventive Technology (ICSSIT-2022)	International	25-02-2022
5	An Integrated Approach for Suicidal Tendency Detection	4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N) 2022	International	28-Mar-23

#### 5.9. Sponsored research Projects: NA

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

#### 5.10 Consultancy Projects: NA

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

#### Patents:

- Title of Invention:** "Critical patient monitoring device using Machine learning Feature selection Technique", date of publication 12-06-2020
- Title of Invention:** "Design & Development of an Intelligent System to Analyze the impact of covid-19 on respiratory system using machine Learning" date of publication:23-04-2021
- Title of Invention:** "Virtual Mom Responsive Baby Monitoring Toy", date of publication 11/06/2021

#### 6. Awards / Honors received: NA

**7. Motto:**

**Be Simple and Happy**