

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

KNOWLEDGE ASSET 2020-21



Name : V.Baby

Designation: Associate Professor

Department: CSE

Mail.ID: baby_v@vnrvjiet.in

Experience (in years): Teaching: 21 years Research: 05 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	pursuing	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 as part of TURING HUT activities
- 3.3. CCA/ECA participated: NIL
- 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
 - In charge for CSE-IoT branch
 - Institute Level: a member in Refreshments and press committees for convergence, Annual day.

4. Conference / Workshop / Seminar / Guest Lectures:

4.1

a. Conducted:

1. Conducted a SDP Programme on “Advanced Data Mining Techniques” from 14th to 21st May 2012
2. Conducted a 3-Day workshop on "Big Data Analytics and Cloud Computing" from 4th to 6th September 2014.
3. A two day workshop on" OOAD using UML a case study approach from 6th to 7th 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 25th to 30th 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 1st year B.Tech from 20th May to 25th May 2020.
10. Conducted a 3 day workshop on “App Development Using Flutter”, from 29th May to 31st June 2020.

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 16th to 17th May 2014 Conducted by BVRIT, Narsapur, Hyderabad.
6. An International Conference on Data Sciences from 26th to 28th 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 17th ,2018 to July 5th , 2018.
11. Attended a one week FDP on “ Block Chain Strategic Importance” , at VNRVJIET, from 25th to 30th Nov, 2019.
12. Attended a Workshop on “Python for Data Science” held at Bennett University from 13th May to 17th May 2020.
13. Attended a one week FDP on “Python for Machine Learning”, at VNRVJIET, from 18th May to 23rd 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 26th April 2021 to 30th April 2021

c. Academic Contribution and Research & Consultancy:

- 5.1. Invited Lectures: NA
- 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: 32

b) PG: 16

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:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
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
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5.8. Papers presented at National / International Journals: NA

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Blocking Mobile Based Games and Nullifying the Search String Containing Inappropriate Words	ICACECS2020	International	2021
2	Distributed threshold k-means clustering for privacy preserving data mining	Advances in Computing, Communications and Informatics (ICACCI), 2016	International	03/11/2016
3	Cloud Computing:Architecture, Security issues and proposed deployment models	ICETT 11	International	03/2011

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

6. Awards / Honors received: NA

7. Motto:

Be Honest and Sincere