

Name : N V SAILAJA  
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Experience (in years): Teaching: 15yrs      Research:4yrs      Others (If any, Specify): Nil

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	MTECH	2009	SE
2	BTECH	2003	CSE

### 2. Teaching and Learning:

2.1. Teaching Interests: Databases, Datawarehouse and mining, Computer Organization, Operating Systems, JAVA, C

2.2. Novel Teaching & Learning Techniques adopted: Learning by example

2.3. Involvement in curriculum updating / Design: involved in R13,R15 updation

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

3.1. Interests and Hobbies: book reading

3.2. CCA/ECA Organized: Organized certification courses in various technologies

- Certificate courses on “AR and VR “ and Python Framework in Dec 2018 and Jan, 2019
- AICTE-ISTE sponsored Refresher Program on "Intelligent Computing and Deep Learning during 14/05/2018 and 19/05/2018
- Certification course on R ,Python Programming, Cloud Computing, Cyber Security, PEGA technologies organized during 12/12/17 to 18/12/17
- Training course organized for B.Tech students on Angular JS at VNRVJIET from 12/12/16 to 17/12/16
- Training course organized for B.Tech students on .NET Technology at VNRVJIET from 11/05/2016 to 17/06/2016
- Training course organized for B.Tech students on “Cloud computing” at VNRVJIET from 18/07/2014 to 08/08/2014

3.3. CCA/ECA participated:

- Trained on “Project-based online course on Machine Learning using Python” by Skyfi Labs Online Course from 25th April 2020 -13th May 2020
- Trained on ICT pedagogy for online blended teaching-learning process
- NPTEL FDP on Block chain Architecture design and Usecases, IIT Online 01-Sep-2018 27-Oct-2018
- IEEE Blended learning on “IoT with Embedded systems”

#### 3.4. Counseling and Mentoring Activity:

mentoring 6 students from each batch of 4 years B.Tech course

#### 3.5. Committees involved in:

Department level: Certification Course, Coordinator for CSE-IoT

Institute Level: Nil

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

#### 4.1 Conducted

Workshops:

- Conducted workshop on “Internet of things” on 24/3/17 to 25/3/17 in association with CSI
- Conducted two day workshop on “Bigdata and hadoop” from 27-Nov-2015 to 28-Nov-2015
- Conducted FDP on “Advances in Data mining techniques” from 14/05/2012 to 26/05/2012

Guest Lectures:

- Conducted Guest lecture on “ Guidance in IoT” to CSE-IoT students on 9-4-2021
- Conducted Guest lecture on “IoT using python” on 24/3/17 to 25/3/17 in association with CSI
- Conducted Guest lecture on “Clustering and Outlier” on 12/11/16
- Conducted Guest lecture on Text and Web Mining on 4/11/15

#### 4.2 Attended:

Workshops:

- Attended FDP on Recent Advancements in Machine Learning and Deep Learning from 26th to 30th April, 2021 at VNRVJIET
- Attended 2 weeks FDP on “ICT Tools for Teaching, Learning Process and Institute” conducted by Electronics & ICT Academies from 15th – 26th March, 2021
- Attended Online 2 Days ML and AI Using Covid-19 Virus Data Analysis Workshop on 1st & 2nd May, 2020

- Attended Online Workshop on AI and Deep Learning on 4th to 8 th May,2020 by Bennett University, leading India, Delhi
- Attended Development Programme on “AI & ML and its Application” on 18th to 24th May 2020 Organized by Electronics & ICT Academies, NIT Patna
- Attended FDP on Natural language Processing Jointly Organized by ELECTRONICS & ICT ACADEMY, NATIONAL INSTITUTE OF TECHNOLOGY from 6th to 10th JAN,2020
- Attended workshop on One day workshop on C and C++ conducted by IITB online on 29th Feb, 2020
- Attended workshop on Online 2 Days ML and AI Using Covid-19 Virus Data Analysis Workshop from 1st & 2nd May, 2020
- 5 day workshop Online Workshop on AI and Deep Learning by Bennett University, leading India, Delhi from 4th to 8 th May,2020
- Attended workshop on Python Programming by Bennett University, leading India, Delhi
- One-week Faculty Development Programme on “AI & ML and its Application” Organized by Electronics & ICT Academies, NIT Patna from 18th to 24th May 2020
- Hadoop Framework and Bigdata Tools VNRVJIET in association with CAPGEMINI 27-Sep-2018 29-Sep-2018
- Bigdata Analytics VNR VJIET 25-Jun-2018 30-Jun-2018
- Attended Two-Day Weekend Training Programme on "Introduction to Machine Learning” IIT Kharagpur during 16th -17th Dec 2017
- Attended National workshop on “Pedagogy for online and blended teaching - learning process” IIT Bombayx during 14/9/2017 to 10/11/2017
- Attended National workshop on “Foundation program in ICT for education” IITBombayx during 3/8/17 to 20/9/17
- Attended FDP on Datawarehouse and Business Intelligence from 25-Apr-2016 to 05-May-2016 conducted by CBIT, hyd in association with NIT Warangal
- Attended Research In Innovation workshop from 28-Jan-2016 to 30-Jan-2016 at VNRVJIET
- Attended workshop on “Data Management and analytics using advanced tools” on 25th April 2015
- Attended workshop on Internet of Things from 21-Aug-2015 to 22-Aug-2015 at Vasavi Engineering College,Hyd
- Attended workshop on banking technologies from 29-Jun-2015 to 30-Jun-2015 at IDRBT ,HYD
- Attended FDP on “English proficiency and personality development(FDP)” in May-2014
- Attended Data mining- tools and research issues (FDP) from 16-May-2014 to 17-May-2014 at BVRIT, Narsapur

- Attended FDP on “Rough Sets and Knowledge Technologies” from 10-Nov-2013 to 11-Nov-2013 at JNTUH
- Attended FDP on Advances in Data mining techniques from 14-May-2012 to 26-May-2012 at VNRVJIET

Conferences:

- Attended ICACECS conference from 13<sup>th</sup>-14<sup>th</sup> August,2020 and published a paper on “Cardiac Arrhythmia Detection using deep learning” and “Early detection of sepsis on clinical data using multi layer perceptron”
- Attended IEEE conference on International Conference on New Trends in Engineering & Technology-(ICNTET)-September 2018
- Attended International Conference on “Data Sciences” from 26-Feb-2014 to 28-Feb-2014 at VNRVJIET
- Attended IEEE 2<sup>nd</sup> International Conference on Contemporary computing and Informatics from 15<sup>th</sup> Dec 2016 to 18<sup>th</sup> Dec 2016 at Amity University, Noida, New Delhi

## **5. Academic Contribution and Research & Consultancy:**

### 5.1. Invited Lectures: 2

- Resource person for Webinar series on “ Machine Learning” conducted for II year CSE students on 26.5.20
- Resource person for Webinar on” Digital platform for Online Teaching using Microsoft Teams” conducted for faculty on 4.8.20

### 5.2. Articles / Chapters published in Books: 2

Published springer book chapters in International conference on advances in Computer Engineering and Communication Systems(ICACECS-2020)

### 5.3. Books published as single author or as editor: NIL

### 5.4. Projects Guided:

- a) UG: 24
- b) PG: 08

### 5.5. Research Interests: Data mining, ML

### 5.6. Ph.D. students:

- a) Enrolled: NIL
- b) Submitted: NIL
- c) Awarded: NIL

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	Data oriented vehicular ad-hoc networks with privacy and security	CIIT International Journal Of Communication, Vol 3, No 9	WC062011002		International Journal
2	Survey of Text Mining Techniques , Challenges and their Applications	International journal of computer applications(IJCA)	0975-8887	3.15	International Journal
3	Secure Data Retrieval Using CP-ABE for Decentralized Disruption Tolerant Military Networks	International journal of computer Scinece and Information Technologies(IJCS IT)	0975-9646	3.5	International Journal

4	New Rough Set-Aided Mechanism for Text Categorisation	Journal of Information & Knowledge Management	Vol. 17, No. 2 (2018) 1850022 (19 pages)	WoS	International Journal
5	A new text categorisation strategy: prototype design and experimental analysis	International Journal of Knowledge and Learning (InderScience)	Vol. 13, No. 2 Page Nos: 146-167 DOI: 10.1504/IJKL.2020.106650	WoS	International Journal
6	Incremental learning for Text Categorization using Rough set boundary based Optimized Support Vector Neural Network	J:Data Technologies and Applications	Volume 54 Issue 5 <a href="https://doi.org/10.1108/DTA-03-2020-0071">https://doi.org/10.1108/DTA-03-2020-0071</a>	WoS	International Journal

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Rough set based feature selection method for text mining	International Conference of Contemporary computing and Informatics(IC3I)	International	15/12/15 to 18/12/15

2	International Conference on New Trends in Engineering & Technology-(ICNTET)	International Conference on New Trends in Engineering & Technology-(ICNTET)	International	7 <sup>th</sup> , 8 <sup>th</sup> September 2018
3	early detection of sepsis on clinical data using multi layer perceptron	ICACECS-2020	International	13 <sup>th</sup> -14 <sup>th</sup> , August, 2020
4	Cardiac Arrhythmia Detection using deep learning	ICACECS-2020	International	13 <sup>th</sup> -14 <sup>th</sup> , August, 2020

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: NIL

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received: 2<sup>nd</sup> Price in YOGA conducted at VNRVJIET on “International YOGA day”

7. Motto: Try and try until you succeed