

**Name:** Dr. B. V. Ramana

**Employee ID:** A5INT00T02

**Designation:** Professor & HOD

**Department:** IT

**Date of Birth:** 4<sup>th</sup> JUNE 1976

**Father Name:** B. Ramulu

**Mother Name:** B. Sarojini

**Reservation Category:** BC- A

**PF:** GR/VSP/0041230/000/0000064

**Address:** Venkateswara Colony -1, Tekkali.

**Mobile Number:** 9441053733

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[dr.bvramana@adityatekkali.edu.in](mailto:dr.bvramana@adityatekkali.edu.in)

**Aadhar No. :** 3667 5324 6612

**PAN:** AIFPB3100K

**Date of Joining in the Institution:** 18-03-2005



**Academic Excellence:**

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph.D (CSE)	AU, Visakhapatnam	Awarded	March, 2014
M. Tech (CSE)	JNTUK, Kakinada	FIRST class with distinction	October, 2002
B. Tech	Nagarjuna University	FIRST class with distinction	April, 2000

**Total Years of Experience:** 18 Years

Period		Organization/Institution	Designation
APRIL 2014	Till Date	AITAM, Tekkali	Professor & HOD
NOV 2007	MAR 2014	AITAM, Tekkali	Associate Professor
MAR 2005	OCT 2007	AITAM, Tekkali	Assistant Professor
OCT 2002	MAR 2005	JITM, Parlakhemundi	Assistant Professor

**Areas of Interest:**

1. Advanced Machine Learning
2. Machine Learning
3. Data Warehousing and Data Mining
4. Data Base Management Systems
5. Software Engineering
6. Computer Graphics
7. Operating System
8. Computer Organization
9. Data Analytics

**Guidance of Academic Projects:**

- i) Doctoral Projects : 2 (Guiding)
- ii) Masters Projects : 9
- iii) Bachelor Projects : 26

**Sponsored Research Projects:**

S. No.	Sponsoring Agency	Title of the Project	Grant
1	UGC Minor Research Project	Analysis of Geographical effect of various Regions of INDIA on Liver disease using Data Mining Techniques.	2,05,410/-

**Honors and awards received: -**

1. Acted as Pec Committee Member For AICTE – Sponsored Online Short Term Training Program (STTP) on “Antenna Design And Analysis Using Mathematical Solvers” In November 2020.
2. Merit scholarship from **State Bank of India social welfare fund** from 1984 to 2002.

**Memberships of Professional Societies and Other Organizations:**

1. Life Member in Indian Society for Technical Education (MISTE) - LM 38903
2. Life Member in Computer Society of India (MCSI) - 00174208
3. Member in Institute of Engineers (MIE) - M-145247-3

### **Other Responsibilities:**

3. Working as Head of the Department, Department of Information Technology since 2nd December 2013.
4. Working as BOS Chairman, Department of Information Technology since 2nd December 2013.
5. Working as Academic Council Member and Institute development Committee Member.
6. Worked as in charge, Head of the Department, Department of Information Technology from 1st September 2006 to 1st December 2013.
7. Working as NBA coordinator, Department of Information Technology since 20th July 2007.
8. Working as NAAC coordinator, Department of Information Technology since 2nd January 2010.
9. Worked as Autonomous coordinator, Department of Information Technology from 2nd June 2011 to 1st December 2013.
10. Working as AICTE Coordinator for the college, since October 2010.

### **Details of Publications:**

#### **International Journals:**

1. Bendi Venkata Ramana., 2020. Efficiency measure of Machine Learning Algorithms on Liver Disease Diagnosis. Psychology And Education Journal, 57(5), pp.375-383, ISSN: 00333077.
2. Bendi Venkata Ramana., 2020. Analysis of Geographical effect of various regions on Liver disease. Psychology And Education Journal, 57(5), pp.384-392, ISSN: 00333077.
3. Venkata Ramana Bendi , Raja Sarath Kumar Boddu “Cyber Crime and Security, a Global Vulnerable Coercion: Obstacles and Remedies” International Journal of Information and Electronics Engineering, Vol. 7, No. 5, September 2017 (Impact Factor 2.21).
4. Dr.B.V.Ramana , A.Nageswara Rao, , K.Manoj Kumar, 2016. ”Discovering The Nearest Sequential Data Patterns in Huge Sequence Data Sets” International Journal of Computational Science, Mathematics & Engineering IJCSME-Volume-3-Issue-6 ISSN-2349-8439.
5. B Venkata Ramana, D. Madhavi, “De-Identified Personal Health Care System using Hadoop”, International Journal of Electrical and Computer Engineering (Scopus Indexed), ISSN:2088-8708, Vol. 5, Issue 6, Dec 2015.

6. B Venkata Ramana, MS Prasad Babu, Swetha Reddy and NV Ramana Murty, "A web-based soya bean expert system using bagging algorithm with C 4.5 decision trees", International Journal of Agriculture Innovations and Research, Vol. 1, Issue 4, ISSN: 2319-1473, PP 91-96, June 2013.
7. Ramana, B.V., Babu, M.S.P. and Venkateswarlu, N.B., 2012. A critical comparative study of liver patients from USA and INDIA: an exploratory analysis. International Journal of Computer Science Issues (IJCSI), 9(3), p.506.
8. Ramana, B.V., Babu, M.P. and Venkateswarlu, N.B., 2012. Liver classification using modified rotation forest. International Journal of Engineering Research and Development, 6(1), pp.17-24.
9. Ramana, B.V., Babu, M.S.P. and Venkateswarlu, N.B., 2011. A critical study of selected classification algorithms for liver disease diagnosis. International Journal of Database Management Systems, 3(2), pp.101-114.
10. Ramana, B.V., Babu, M.S.P. and Venkateswarlu, N.B., 2011. A critical evaluation of bayesian classifier for liver diagnosis using bagging and boosting methods. International Journal of Engineering Science and Technology, 3(4), pp.3422-3426.
11. Jayavardhanarao, S. and Ramana, B.V., 2011. Implementation of Session-State-Service-A Frame Work For P 2 P Network. International Journal of Computer Science & Communication Networks, 1(3).
12. Davali, P. and Ramana, B.V., 2011. Analysis of Simple Sequence Repeats in Amino Acid and Nucliotides. International Journal of Computer Science & Communication Networks, 1(3).

## **PRESENTATIONS:**

### **International Conferences:**

1. Paper presented in IEEE CCWC 2019 on Performance Comparison of Classification Algorithms on Medical Datasets" held at University of NEVADA, LAS VEGAS, USA from 07<sup>th</sup> -9<sup>th</sup> January-2019.

2. Paper presented in SMART DSC - 2<sup>nd</sup> International Conference on “Enhanced Survey on Techniques and Algorithms in Data Science for BigData in Processing Aspects” held at VIGNAN Institute of Technology, Duvvada, Visakhapatnam on 06-08 Dec 2018.
3. Paper presented in DST sponsored National conference on Data Mining and Warehousing on “A new approach of similarity measure for classification and clustering of Text documents” at AITAM, Tekkali, 24<sup>th</sup> to 25<sup>th</sup> Nov 2015.
4. Paper Presented in IEEE International conference on “New Automatic Diagnosis of Liver Status Using Bayesian Classification” held at Kuala Lumpur, Malaysia, 26-29 Nov 2010.
5. Paper Presented in IEEE International conference on “On the Evaluation of Collaborative Filtering Algorithms” held at Kuala Lumpur, Malaysia, 26-29 Nov 2010.

### **Book Chapters Published:**

<b>Title of the Book</b>	<b>Title of the Book Chapter</b>	<b>Name of the Publisher</b>	<b>Publication details</b>
Lecture Notes in Electrical Engineering book series	An Empirical Study of Visual Data Analytics in-Line of Indexing Approach	Springer (Scopus)	1876-1119
Lecture Notes in Networks and Systems book series	Effectiveness of Back Propagation Algorithm in Healthcare Data Classification	Springer (Scopus)	2367-3370

### **National Conferences:**

1. Bendi Venkata Ramana and M. Sivaramakrishna “A Novel Evolutionary Pattern Mining Approach for Optimal Patterns” Presented in International Conference on Emerging Trends in Engineering and Technology, ISBN: 9788192958064, PP 28-31, Visakhapatnam, 7<sup>th</sup> Dec 2014.
2. Bendi Venkata Ramana and Sunil Pappala “A Frame Work fot Tunnelling Servers for Balancing the Load for Transmission” Presented in National Conference on Preventive Measures to Avoid Cyber Crimes , ISBN: 978-93-83414-51-2, PP 104-107, Ahmednagar, Maharashtra, 19-20 Dec 2013.
3. Bendi Venkata Ramana and Prof. M. S. Prasad Babu “Security Issues in Cloud Computing” Presented in National Conference on Preventive Measures to Avoid Cyber Crimes, ISBN: 978-93-83414-51-2, PP 8-10, Ahmednagar, Maharashtra, 19-20 Dec 2013.
4. Bendi Venkata Ramana and S. Chaitanya Kumar, “The Inferring Router Packet for Forwarding Priority Traffic Policing with User-Level” in International Conference on Recent Advances in Computer Sciences (ICRACS), GIET, Rajahmundry, March 2012.

5. Bendi Venkata Ramana and N. Srikrishna Kumar, "Secret Message Passing with Stenography Scheme for JPEG 2000 baseline method" in NLC IPC, PSG, Coimbatore, 7th December 2011.
6. Bendi Venkata Ramana and K.S.Suresh, "RPPF: A User Level Tool for Router Packet forwarding priority" in NLC IPC, PSG, Coimbatore, 7th December 2011.
7. Paper Presented in 95th Indian Science Congress Association on "Data mining for improving manufacturing quality" held at Andhra University, Visakhapatnam, 3- 7 Jan 2008.
8. Paper Presented in 94th Indian Science Congress Association on "Pervasive Computing" held at Annamalai University, Chidambaram, Tamilnadu, 3-7 Jan 2007.
9. Paper Published in 94th Indian Science Congress Association on "Pervasive Computing in agricultural revolution" held at Annamalai University, Chidambaram, Tamilnadu, 3-7 Jan 2007.

#### **Details of Conferences / Workshops / Refresher Courses Attended:**

1. Faculty development program on "online college management & online content creation tools" organized by University of Mumbai, from 30-04-2020 to 02-05-2020.
2. Faculty development program on 2 day national level FDP Programme on Faculty Development Programme 2.0 organized by North Star, from 13-05-2020 to 14-05-2020.
3. Faculty development program on "Modern methods for teaching learning" organized by Krishna University, from 12-05-2020 to 13-05-2020.
4. Faculty development program on "Theory of Computation" organized by Velammal Engineering College, Chennai., from 18-05-2020 to 22-05-2020.
5. Faculty development program on ATAL Academy Online FDP on "Augmented Reality (AR)/ Virtual Reality (VR)" organized by Indian Institute of Technology, Patna, from 25-05-2020 to 29-05-2020.
6. Faculty development program on "Internet of Things (IoT) organized by APSSDC, from 18-05-2020 to 30-05-2020.
7. 2nd International Conference on "SMART DSC" at VIGNAN Institute of Technology, Duvvada, Visakhapatnam on 06-08 Dec 2018.
8. Management Capacity Enhancement Programme (MCEP) at Indian Institute of Management, Kozhikode, from 5<sup>th</sup> December 2016 to 10<sup>th</sup> December 2016.

9. Faculty development program on “Data mining” organized by Sri Sivani College of engineering and National Institute of Technology – Warangal, from 7<sup>th</sup> May to 16<sup>th</sup> May 2016.
10. Two days Hands-on Experience on “Big Data & No SQL Databases” under TEQIP Phase-II on 4<sup>th</sup> – 5<sup>th</sup> Dec, 2015, organized by Dept. of CSE at AITAM.
11. IEEE workshop on “How to Publish a Technical Paper with IEEE” on 14<sup>th</sup> August, 2014 at University of Hyderabad, Hyderabad.
12. Workshop on “Computer Programming” from 16<sup>th</sup> to 28<sup>th</sup> June, 2014 by IIT, Bombay.
13. Training Programme on “Pedagogy” from 28<sup>th</sup> October to 1<sup>st</sup> November, 2013 at NITTTR, Chandigarh.
14. National Conference on “Artificial Intelligence, Robotics and Embedded Systems” on 29<sup>th</sup> & 30<sup>th</sup> June 2012 at Andhra University, Visakhapatnam.
15. Two day National Workshop on “Data Mining Using Clementine Work Bench” on 25<sup>th</sup> & 26<sup>th</sup> November 2011 at GMRIT, Rajam.
16. Workshop on “Data Communication and Security” on 31<sup>st</sup> Jan 2011 at Andhra University college of engineering, Visakhapatnam.
17. Workshop on “Quality Research and Young Scientist Sensitization” conducted by JNTU, Kakinada on 23<sup>rd</sup> Oct 2010.
18. QIP/AICTE program on “High performance and enterprise computing” from 12<sup>th</sup> to 18<sup>th</sup> April 2010 at IIT, Kharagpur.
19. Workshop on “Data Engineering” on 26<sup>th</sup> Mar 2010 at Andhra University College of Engineering, Visakhapatnam.
20. National Workshop on “Modern Trends in Software Engineering” conducted by Lenora College of Engineering, Rampachodavaram on 24<sup>th</sup> Dec 2009.
21. Workshop on “High Impact Teaching Skills” conducted by Wipro Mission 10X during 8<sup>th</sup> to 12<sup>th</sup> Dec 2008.
22. Workshop on “Data Mining: Next Generation” from 23<sup>rd</sup> to 5<sup>th</sup> July 2008 at NIT, Warangal.
23. Workshop on “Data Mining & Business Intelligence” from 11<sup>th</sup> to 12<sup>th</sup> Aug 2007 at CEC, Visakhapatnam.

24. Workshop on “Machine Learning” from 16th to 17th Feb 2007 at MVGR College of Engineering, Vizianagaram.

### **Conferences Organized:**

1. A Two day National conference on “Recent Trends in Data mining and Warehousing” sponsored by DST, Govt. of India organized by department of Information Technology held on 24<sup>th</sup> and 25<sup>th</sup> Nov 2015 at Aditya institute of Technology & Management, Tekkali, Srikakulam, Andhra Pradesh.

### **Workshops Organized:**

1. A One Week Faculty Development Programme on "Deep Learning Using Python" in association with an Initiative of Ministry of Electronics & Information Technology (MeitY), Government of India Electronics & ICT Academy IIT Guwahati, Assam from 4th to 8th November 2019.
2. A One Week faculty Development Programme on “INTERNET OF THINGS & DATA ANALYTICS” in association with an Initiative of Ministry of Electronics & Information Technology (MeitY), Government of India Electronics & ICT Academy, NIT, Warangal from 12<sup>th</sup> -17<sup>th</sup> NOV-2018.
3. A One Week faculty Development Programme on “ANALYTICS WITH R” organized as convener from 20<sup>th</sup> -25<sup>th</sup> October 2016.
4. A Three Day Training Programme on “SPSS: Hands on Experience from 19th - 21st September 2014.
5. A Three Day Refresher Course on “Modern Imaging Research: Research Avenues and Challenges” on 31st January to 2nd February 2013.
6. A Three Day National Workshop on “Multicore Computing: Hands on Exposure to Practical Open MP Programming” on 20th to 22nd October 2011.
7. A Three Day National Workshop on “Recent Trends in Image and Computer Vision Research” on 28th to 30th October 2011.
8. Short Term Training Programme (STTP) on “Soft Computing” 5th and 6th March 2010.



9. A One Day National Workshop on “Emerging Trends in Computational Biology” on 5th October 2008.

### **Certifications:**

1. Got certified with Elite from NPTEL online certification course (8 Weeks) on “Accreditation and Outcome Based Learning” conducted by IIT, Kharagpur in Aug-Oct 2019
2. Got certified from NPTEL online certification course (8 Weeks) on “Data Mining” conducted by IIT, Kharagpur in Feb-Mar 2018.
3. Got certified with Elite from NPTEL online certification course (8 Weeks) on “Database Management Systems” conducted by IIT, Kharagpur in Feb-Mar 2018.
4. Got certified from coursera online certification course (4 Week) on “Programming for Everybody” in May 2020.
5. Got certified from coursera online certification course (4 Weeks) on “AI for everyone” in June 2020.
6. Got certified from coursera online certification course (4 Weeks) on “Introduction to Data Science” in May 2020.
7. Got certified from coursera online certification course (4 Weeks) on “Python Data Structures” in May 2020.
8. Got certified from coursera online certification course (1 Week) on “Logistic Regression with Python and Numpy” in May 2020.
9. Got certified from coursera online certification course (1 Week) on “Generate Synthetic Images with DCGANs in Keras” in May 2020.
10. Got certified from coursera online certification course (1 Week) on “Linear Regression with NumPy and Python” in May 2020.
11. Got certified from coursera online certification course (1 Week) on “Understanding Deepfakes with Keras” in May 2020.

### **Other Achievements:**

1. External Examiner for the evaluation of Ph.D thesis and conducting the “Oral Examination”, SRM University, Chennai, 29-08-2019 to 01-06-2020.

2. Jury Member for the District Level Exhibition & Project Competitions- 2020, Srikakulam during 3<sup>rd</sup> to 5<sup>th</sup> February 2020, sponsored by Department of Science and Technology, Govt. of India, New Delhi.
3. Acted as SESSION CHAIR at the AITAM, Tekkali for Conference (ICETESTM-18) Paper Evaluation form 29-11-2018 to 30-11-2018.
4. Special Invitee for BoS Meeting at MVGR, Vizianagaram for the Ratification M.Tech Datascience Course from 24-06-2017 to 24-06-2017.
5. Special Invitee for BoS Meeting at GMRIT, Rajam for the Ratification 3<sup>rd</sup> & 4<sup>th</sup> Semester Syllabus from 24-06-2017 to 24-06-2017.
6. Ratified as Professor in 2016 by Jawaharlal Nehru Technological University, Kakinada.
7. Jury Member for the District Level Exhibition & Project Competitions- 2016, Srikakulam during 6<sup>th</sup> to 8<sup>th</sup> November 2016, sponsored by Department of Science and Technology, Govt. of India, New Delhi.
8. Jury Member for the District Level Exhibition & Project Competitions- 2015, Srikakulam during 25<sup>th</sup> to 27<sup>th</sup> September 2015, sponsored by Department of Science and Technology, Govt. of India, New Delhi.
9. Ratified as Associate Professor in 2008 by Jawaharlal Nehru Technological University, Hyderabad.
10. Ratified as Assistant Professor in 2006 by Jawaharlal Nehru Technological University, Hyderabad.
11. Visiting Faculty for Andhra University, Vizianagaram from 2006-2008
12. The Indian Liver Patient Dataset (ILPD) was collected and annotated with liver experts and donated to University of California at Irvine (UCI) machine learning repository.

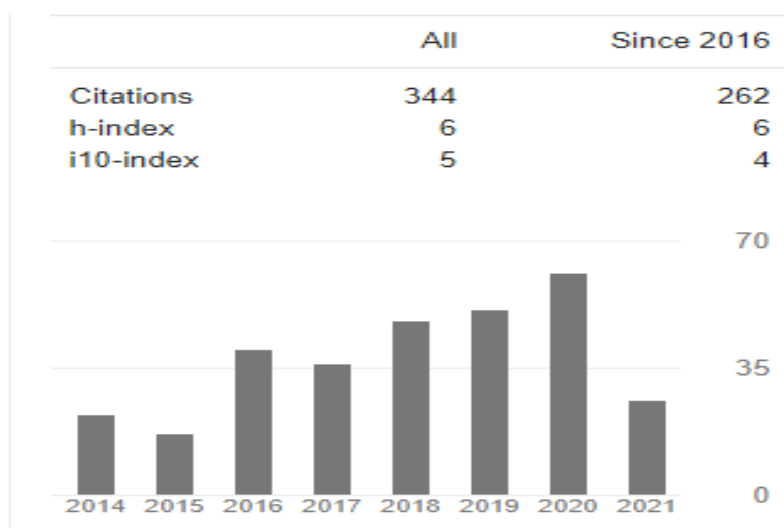
[http://archive.ics.usi.edu/ml/datasets/ILPD+\(Indian+Liver+Patient+Dataset\)](http://archive.ics.usi.edu/ml/datasets/ILPD+(Indian+Liver+Patient+Dataset))

13. Secured GATE Score of **84.76** percentile in GATE-2000.
14. Reviewer for Walailak Journal of Science and Technology (WJST), Walailak University, Thasala, Nakhon Si Thammarat 80161, Thailand.

### Details of Establishment of New Laboratories:

S. No.	Name of Laboratories	Level – UG / PG	Department	Started from (Year)	Credit Points
1	Statistics Lab	PG	IT	2014	4
2	Advanced IoT Lab	UG	IT	2020	4

### Google Scholar Citations:



(Dr. B. V. Ramana)