

RESUME

Name: Dr. RAMESH NAIDU BALAKA

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P.F ID: GR/VSP/0041230/000/0000072

ISTE: LM56498

CSI: 00174206

Designation: Professor

Department: INFORMATION TECHNOLOGY

Date of Birth: 10-06-1977

Father Name: B.L.Naidu

Mother Name: Kameswaramma

Reservation Category: BC-A-KALINGA

Date of Joining in the Institution: 08-07-2004

Present address (with Phone no. & email id)	Permanent address
Dr.B.Ramesh Naidu, Associate Professor, Dept. Of IT, AITAM, Tekkali, Srikakulam (Dist), A.P. Mail-id: rameshnaidu5@gmail.com Mobile: 09492422132	D.G.Puram (V&P), Santhabommali (Mandal), Srikakulam (Dist), A.P. Pin -532212

1. EDUCATIONAL QUALIFICATIONS:

Qualification	Specialization	Institute/University	Year of Pass	Class	% Of Marks
Ph. D	Computer Science & Technology	Andhra University, Visakhapatnam	Oct, 2019	Awarded	--
M.Tech	Computer Science & Technology	Andhra University, Visakhapatnam	May,2005	First	68
M.Sc	Computer Science	BS&JR PG College, Tekkali, Affiliated to A.U, Visakhapatnam	March, 2001	First	65

2. EXPERIENCE:

Sl.No.	Institute / Industry	Period		Cadre/Designation
		From	To	
01	AITAM, Tekkali	1 st -June- 2023	Till date	Professor
01	AITAM, Tekkali	01 st -May- 2009	31 st -May- 2023	Associate Professor
02	AITAM, Tekkali	01 st - May -2007	30 th - April-2009	Sr. Assistant Professor
03	AITAM, Tekkali	08 th -Jul -2004	30 th – April-2007	Assistant Professor

Areas of Interest:

1. Computer Networks
2. DBMS
3. Image Processing
4. Advanced Computer Networks
5. DMWH
6. Object Oriented Programming
7. Data Structures
8. Soft Computing
9. Artificial Intelligence

Guidance of Academic Projects:

- 1) Masters Projects : 6
- 2) Bachelor Projects : 28

BOOKS PUBLISHED:

1. B. Ramesh Naidu and Prof. P.V.G.D Prasad Reddy,” **Multimodal Biometric Authentication System**”, **LAP Lambert Academic Publication**, ISBN 978-620-5-63183-6,2023, Copy rights to Dodo Books Indian OceanLtd. and OmniScriptum S.R.L Publishing Group.

PATENT PUBLISHED:

1. B. Ramesh Naidu, Prof.P.V.G.D Prasad Reddyand all “System andMethod for Creating and Managing Mind Map for ExplainingUser Thoughts Using Personalized Network”, Application Number: 2021410530903, Date of filling: 06/11/2021, Publication date :03/12/2021.
2. B. Ramesh Naidu and all “DIP-Intelligent Neural Networks: Digital Image Processing Using Intelligent Neural Networks System”, Application Number:202041053101, Date of filling: 07/12/2020, Publication date:25/12/2020
3. B. Ramesh Naidu and all “Automatic Alert to Ambulances during Road Accidents"Application Number: 201941010083A NRDC/IPFC/VSKP/PA/018/2018-2019, Date of filling: 15-03-2019, Publication date: 08-11-2019.

3. PAPERS PUBLISHED:

International Journals:

1. B. Ramesh Naidu,” Anti-social behavior detection using surveillance camera videos with 3D-CNN and computer vision”, Acta Biomedica, **Springer**, International Journal of System Assurance Engineering and Management, under review.
2. B. Ramesh Naidu, “2d-Cnn Based Deep Learning Model for Multi Label Land Cover Classification”, ISSN: 1004-9037 [HTTPS://SJCJYCL.CN/](https://sjcjycl.cn/) DOI: 10.5281/zenodo.7657031,**Journal of Data Acquisition and Processing**, Vol. 38 (1), 2023.
3. B. Ramesh Naidu, “A Complete Prototype of Tri-Modal Biometric Authentication System”, **Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery** ISSN: 1001-1781, Vol.: 27 Issue: 1, 2023.

4. B. Ramesh Naidu and M. Jayanthi Rao, Healthcare Fraud Detection Using Machine Learning and Sentiment Data Analysis”,**Journal of Data Acquisition and Processing**, Vol. 38 (1) 2023,ISSN: 1004-9037 <https://sjcjycl.cn/> DOI: 10.5281/zenodo.7654194
5. B. Ramesh Naidu and Someswra Rao,” Ultrafast parallel genome extractor “, **SoftwareImpacts**, September, (2022) 100420, Volume 14, **ELSEVIER, Software Impacts**.
6. B. Ramesh Naidu and Sai Priya “Detection of Brain Tumor by integration of VGG-16 and CNN Model”, **International Journal of Creative Research Thoughts (IJCRT)**, Volume 8, Issue 7 July 2020, ISSN: 2320-2882, PP-298-304.
7. B. Ramesh Naidu, P.V.G.D Prasad Reddy “A Multimodal Biometric System using Fingerprint and Voice”ISSN NO: 2277-2723, Volume 7, Issue XII, DEC/2018, PP-1614-1625, and **Universal Journal**.
8. B.Ramesh Naidu and P.V.G.D Prasad Reddy “Fusion of Face and Voice for a Multimodal Biometric Recognition System” **International Journal of Engineering and Advanced Technology (IJEAT)**, ISSN: 2249 – 8958, Volume-8 Issue-3, Feb- 2019.
9. B.RameshNaidu and P.V.G.D Prasad Reddy“Biometric authentication Data with three traits using compression technique, HOG, GMM and Fusion technique”, **Data Article, ELSEVIER, Datain Brief** 18(2018)1976–1986.
10. B.Ramesh Naidu “A Novel Biometric Authentication System with ScoreLevel Fusion”, **Springer, AODS**, DOI 10.1007/s40745-017-0110-7, Vol (5), PP 1-22.
11. B.Ramesh Naidu, B.Leela Rani, “Recognition of License plate Numbers using Connected Component Analysis”.2015,**IJEDR**, Volume 3, Issue 3, ISSN: 2321-9939.
12. B.Ramesh NaiduPrabhanjana Konni, “Protection on Social Network Data Using Sensitive and Non-Sensitive Labels”, **IJSRM**, |Volume3, Issue5, PP2716-2720, 2015, ISSN (e): 2321-3418.
13. B.Ramesh Naidu “Efficient case study for image edge gradient based Detectors Sobel, Robert cross, Prewitt and Canny”, **IJECCE**, Vol (3) Issue 3, May 2012, PP 561-571.
14. B.Ramesh Naidu“Framework for Efficient edge Detection TechniquesComparison among Robert, Prewitt, Sobel, Robinson, kirsch and Canny”, **IJCST** Vol (3), Issue 2, PP-1153-1160, Jun, 2012.

INTERNATIONAL CONFERENCES:

1. B.Ramesh Naidu and Prof.P.V.G.D Prasad Reddy"Comparative Analysis of Three Single Trait Biometric Authentication Models", published in:2019, International Conference on Communication and Signal Processing (ICCSP), **IEEE International Conference**, Chennai, India, 2019, pp. 0956-0959. DOI: 10.1109/ICCSP.2019.8698041.
2. B.Ramesh Naidu", Development of a Biometric Authentication System based on HAAR Transformation and Score Level Fusion", published in: Software Engineering and Service Science (ICSESS), 2016, 7th IEEE International Conference on 26th to 28th Aug. 2016, Beijing, China. DOI:10.1109/ICSESS.2016.7883255, PP-1090-1093.
3. B.Ramesh Naidu "A Novel Framework JPEG Image compression using baseline with parallel process" published in: Computational Intelligence and Computing Research (ICCIC), 2014 **IEEE International Conference** on 18th to 20thDec. 2014, Coimbatore, India, DOI: 10.1109/ICCIC.2014.7238494.
4. B.Ramesh Naidu "Edge Enhancement based on fuzzy logic and different Equations" ICIPTA-2012, April 6th and 7th, **SASTRA university, Thanjvur**.
5. B.Ramesh Naidu, "Optimizing ETL processes in Data Warehouses" ICRACS2K12, March, 30th& 31st-2012, **GIET**, Rajahmundry.
6. B.Ramesh Naidu, "A Dynamic filtering algorithm to search approximate string" ICRACS2K12, March 30th& 31st -2012, **GIET**, Rajahmundry.

WORKSHOP / REFRESHER / FDP ATTENDED IF ANY AS DELEGATES:

1. Participated in the AICTE Recognized Faculty Development Programme on Planning, Execution and Evaluation of Project Work Conducted by Curriculum Development Centre Department from 20/02/2023 to 24/02/2023 (One Week) at Aditya institute of technology and management, Tekkali, Srikakulam district, Andhra Pradesh
2. Attended a Two-day ISTE AP Section Annual Awards Function 2021 FDP on National Education policy of India 2020: Challenges & prospects held at AITAM, Tekkali", on Dec 9th to Dec 10th, 2022.

3. Participated in the AICTE Recognized Faculty Development Programme on “Curriculum Development Processes”, Conducted by curriculum Development Process Centre Department from 14/11/2022 to 18/11/2022 (One Week) at Aditya Institute of Technology and Management, Tekkali, Srikakulam District, Andhra Pradesh
4. Attended a “Online a Thirty-days FDP on "Image processing Using Open cv Master Class” at PANTECH E learning Pvt. Ltd., Chennai, from Oct 12th to Nov11th, 2022.
5. Attended a Seven-day “Online FDP on Machine Learning and Soft Computing Approaches for real time Applications Sponsored by (MeitY), NIT Warangal and AITAM during Sept 24th to Sept 30th, 2022.
6. Attended a Five-dayFDP on “Online FDP on "Artificial Intelligence and Machine Learning" in association with EICT Academy and AITAM, Tekkali”, on Oct 25th to Oct 30th, 2021.
7. Attended a two-weekWebinar FDP on “Machine Learning using Python Programming”, on June 10th to June 16th, 2021, AITAM College
8. Attended a two-weekWebinar FDP on “Machine Learning using Python programming”, on April 22nd to May 5th, 2021. AITAM College.
9. Attended online “National quiz on NAAC” on 10-06-2020, organized by department computer engineering P.V.P.P College, Mumbai.
10. Attended online “National quiz on NAAC” on 10-06-2020, organized by department computer engineering P.V.P.P College, Mumbai.
11. Attended a three-dayWebinar FDP on” IoT with Artificial Intelligence” during 27th to 29th May, 2020, SIR C R Reddy Engineering College, Eluru.
12. Attended a seven-dayWebinar FDP on “machine learning & its applications”, on May 27th, 2020. Conducted by MLR Institute Technology.
13. Attended online quiz on “Test your knowledge on NBA criteria’s”, 10-06-2020, organized by department computer engineering P.V.P.P College, Mumbai.
14. Attended online quiz on “Faculty program on NBA” on 23-05-2020, organized by BharathiVidyapeetham College of Engineering, Mumbai.
15. Attended a four-weekWebinar FDP on “Python for everyone”, on April 3rd to 29th, 2020. Conducted by Course era.
16. Attended a four-weekWebinar FDP on “Python for everyone”, on April 3rd to 29th, 2020. Conducted by Course era.
17. Attended a Five-weekWebinar FDP on “AI for Everyone”, on April 30th to May 25th 2020. Conducted by Course era.

18. Attended a two-Day National Workshop on Data Modeling and Predictive Analytics Andhra University, Visakhapatnam, March 18th & 19th, 2017 sponsored by TEQIP Phase II.
19. Attended a five-day workshop on “Management Capacity Enhancement Program” conducted by Indian Institute of Management Tiruchirappalli, Nov 16th to 20th, 2015, in collaboration with Ministry of Human Resource Development.
20. Attended a two-day workshop on “CSI workshop” on 15th to 16th, April, 2015, LENDI College of Engineering, Vizianagaram.
21. Attended a one-day workshop on “Outcome Based Education” in association with IUCEE Under TEQIP Phase-II on 9th, March, 2015, AITAM Engineering College, Tekkali.
17. Attended a two-day workshop on “Software Engineering and Allied Tools” on 15th to 16th, Dec, 2014, AITAM Engineering College, Tekkali.
18. Attended a two-day workshop on “Twenty First Century, the dawn of Digital Era: pedagogical Issues of Technical Teachers” on 15th to 16th, Nov, 2014, AITAM Engineering College, Tekkali.
19. Attended a three-day workshop on “Training Program on SPSS: Hands on Experience “on 19th to 21st, Nov, 2014, AITAM Engineering College, Tekkali.
20. Participated and Serviced in “CSI Annual Student Conversion hosted by the CSI”Steel Plant Vsp, AU& JNTU-K at Andhra University, Vishakhapatnam on 11th to 12th, Dec, 2013.
21. Attended a three-Day Workshop on “Modern Imaging Research: Research Avenues and Challenges” on 31st Jan -02nd Feb 2013.
22. A One-day workshop on “Outcome Based Education”, On19thJanuary, 2013.
23. Attended a Three-Day National Workshop on “Multicore Computing: Hands on Exposure to Practical Open MP programming”, October 20th -22nd, 2011 at AITAM, Tekkali.
24. Attended a two-day workshop on “Artificial Intelligence, Robotics and embedded system” AU, Vishakhapatnam, AIRE-2012.
25. Attended a two-day workshop on “OOAD using the UML with Fundamentals of RATIONAL ROSE &RUP” GMRIT, RAJAM.
26. Attended a two-day workshop on “Multicore Computing” AITAM Engineering College, Tekkali.
27. Attended a three-day workshop on “WEKA: A Data Mining Tool”, AITAM Engineering College, Tekkali.
28. Attended a One-day workshop on “Data Warehousing and Data Mining Emphasis on Industry Oriented Research” JNTUK, Kakinada.
29. Attended a One-day workshop on “Soft Computing”, AITAM Engineering College, Tekkali.

30. Attended a Two-day workshop on "Essential Foundations of Teaching and Researching Artificial Neural Networks" AITAM Engineering College, Tekkali.
31. Attended a One-day workshop on "Research Methodologies in Engineering" AITAM Engineering College, Tekkali.
32. Attended a two-day workshop on "Frontiers in Classification Algorithms for Data mining". AITAM Engineering College, Tekkali.
33. Attended a two-day workshop on "Emerging Trends in Image, Video Communications Standard and Protocols", AITAM Engineering College, Tekkali.

Other Achievements:

1. Recognized as Research Guide ship in Andhra University, Visakhapatnam in the year 2023.
2. FDP on Machine Learning using python sanctioned by AICTE in the year 2020.
3. Appointed as Assistant HOD in the year 2019 in Department of IT.
4. Published a paper in SPRINGER free Journal.
5. Published a paper in ELSEWERE Journal.
6. Attended as a judge in LENDI College under CSI Program.
7. Ratified as Asst. Professor in 2013 in JNTUK selections.
8. Ratified as Asst. Professor in 2005 in JNTUH selections.



(Dr. Ramesh Naidu Balaka)