

PROFILE

Dr. B.RAMAKRISHNA
Dept. of CSE,
Swarnandhra College Of Engineering & Technology

Cell No: +91 7989662002
E-mail: drbramakrishna.cse@swarnandhra.ac.in,
drbrk8789@gmail.com

Seetharamapuram, Narsapuram
Researcher ID: [G-QA6js1IAAAAJ](https://orcid.org/0000-0002-9900-1569)
Scopus Author ID: 57202729207
Orcid ID: 0000-0002-9900-1569



EXPERIENCE SUMMARY:

- Having around 14 years' experience in Teaching.

EXPERIENCE:

- Working as Associate Professor in CSE Department at Swarnandhra College of Engineering and Technology from 2-1-2020 to Till Date.
- Worked as Assistant **Professor** in CSE Department at **Swarnandhra College of Engineering & Technology, Narsapuram** from 15-07-2017 to 1/1/2020.
- Worked as **Associate Professor** in CSE Department at **Swarnandhra College of Engineering & Technology, Narsapuram** from November 2017 to May-2021.
- Worked as **Assistant Professor** in **A.K.R.G College Of Engineering & Technology, Nallajerla** from May 2013 to October 2017.
- Worked as **Assistant Professor** in **Sir C.R.Reddy College of Engineering ,Eluru** from June - 2010 to Sep 20013.

EDUCATIONAL QUALIFICATIONS:

- **Ph.D. (Computer Science & Engineering)** from **Dept of Computer Science & Engineering, Rayalaseema University** in 2019.
- **M. Tech (Software Engineering)** from **JNTU College of Engineering, Kakinada** with 72% in 2010.
- **B. Tech (Computer Science & Engineering)** from **AGCET, Tadepalligudem** with 61% in 2007.
- **Intermediate** from **SASI Junior college, Velivenu** with 78.6% in 2002.
- **SSC** from **ZP High School, Pothavaram** with 72.00% in 2000.

SOFTWARE PROFICIENCY:

Operating Systems	Windows , Linux
Languages	Python,Java, C, C++,R-Programming
Web Technologies	HTML, Java Script,CSS,PHP

RESEARCH PROJECT:

1. Developed an algorithm for disaster communication networks using big-data analytics.
2. Spearheaded the development of a comprehensive faculty development system for Swarnandhra College of Engineering and Technology , designed to enhance the professional growth of faculty members.

Field of Specialization:

Java,Python,Data Science,C,Data Structure,Cryptography and Network Security,Mobile App Development Using Glide.

Subjects Taught:

- C,C++,Python,Java,Cryptography and Network Security,Data Science,Artificial Intelligence,Data Structures,Big Data, Ethics of Artificial Intelligence,Computer Organization,DBMS,R-Programming,Computer Networks,Computer Graphics.

Awards:

- Best Researcher Award-2020, by Elsevier SSRN in association with IJIEMR, Vijayawada, 20th December, 2020.
- Received appreciation letter for outstanding contribution towards spreading awareness and conducting python workshops at Swarnandhra College of Engineering & Technology.
- Received Jyeshtha Acharya Award from Bharat Education Excellence Awards 2021-2022.
- Received Best Academician Award from IJIEMR-ELSEVIER SSRN RESEARCH AWARDS-2022.
- Received Glorious Computer Science Teacher of the Year Award-2022 from ITAP.
- Ratified as an Associate. Professor in JNTUK-2022.
- Ratified as an Assistant. Professor in JNTUK-2014.

Membership of Professional Societies:

- IEEE Senior Member, Computational Intelligence Society, Education Society, Vizag Bay section.
- Life Member in International Computer Science and Engineering Society (ICES).
- Life Member in IACSIT.
- Life Member in IAENG.

Research Guidance:

- Guided about 6 **M.Tech** Projects & 20 **B. Tech** Projects

Details of Session Judge:

- ❖ Acted as Session Judge for various Techfest a **National Level Student Symposium** held at Swarnandhra College of Engineering and Technology.

Details of Editor and Reviewer:

- ❖ Serving as Reviewer for **Springer Journal, Soft Computing (SOCO)**, SCI Journal.
- ❖ Serving as Editor for **PND Publishers**.

Administrative and Extra Curricular Activities:

- ❖ Member Board of studies, Swarnandhra College of Engineering and Technology, Artificial Intelligence and Data Science, 1st semester to 8th semester, 21 July 2023.
- ❖ Working as Coordinator -College Anti Ragging Committee cell.
- ❖ Serving as Member, IEEE, Edu Soc, Vizag Bay Section.
- ❖ Worked as NBA Department Coordinator for CSE Department..
- ❖ Worked as NAAC Department Coordinator.
- ❖ Worked as Class Teacher.
- ❖ Worked as Student Counselor.
- ❖ Worked as Coordinator for various National Conferences.

Patents Published.

- ❖ **Title of the Invention:** “Machine Learning Based Wristband GPS Tracking and Image Processing.” with Application No. 202241005005, Publication Date: 25/02/2022.
- ❖ **Title of the Invention:** “Early Detection for Alzheimer Disease using Machine Learning Approach” with Application No. 202141053224 A, Publication Date: 03/12/2021, Journal No. 49/2021.

Books Published:

- ❖ **“Big Data With Hadoop Applications”,**Dr.B.Ramakrishna,Dr.S.Krishna Rao,Dr.M.Naghabhushana Rao,LAMBERT ACADEMIC PUBLISHING,ISBN:978-620-0-31632-5
Link: <https://www.amazon.co.uk/Big-data-hadoop-applications-Krishna/dp/6200316325>
- ❖ **“Introduction of Python Basics with Data Science”** Dr.S.Krishna Rao,Dr.B.Ramakrishna,Dr.Y.Vamsidher,Rama Bhadra Rao Maddu , PND Publishers,ISBN:979-871-294-756-0 .
- ❖ **“A Beginners Guide to LaTeX”,** Dr.S.Krishna Rao,Dr.B.Ramakrishna,M.Ramabhadra Rao. PND Publisher,ISBN:979-8-5666-9366-8.Link: [Amazon.com: A Beginners guide to LaTeX: 9798566693668: S. Dr Krishna Rao, Bomma, Dr Rama Krishna, Maddu, Mr. Rama Bhadra Rao: Books](https://www.amazon.com/dp/B098566693668)
- ❖ **“Principles of Artificial Intelligence Ethics”,**Dr.S.Suresh Kumar,Dr.B.Ramakrishna,M.Ramabhadra Rao,PND Publisher,ISBN:979-8-3742-6419-7.
- ❖ **“Easy Python A Beginners Route Map”,** Dr. B V D S Sekhar, Dr. Bh V S Ramakrishnam Raju, Dr. B Rama Krishna, PND Publishers, ISBN: 978-81-949491-2-1
https://www.amazon.com/Easy-Python-beginners-route-map/dp/8194949122/ref=sr_1_6?qid=1690000678&refinements=p_27%3A%2B%2BRama%2BKrishna%26s%3Dbooks%26sr%3D1-6
- ❖ **“Introduction to Data, Computer Communications and Networking”** with implementation of Networking concepts, Dr. V.V.S.S.S. Chakravarthy , Dr. Udaya Kumar Dr. B.V.D.S. Sekhar , Dr. Bomma Rama Krishna, PND Publishers, ISBN: 979-8-3965-43775-5.
<https://play.google.com/store/books/author?id=Dr.+B.V.D.S.+Sekhar&hl=en-IN>
- ❖ **“Java Programming: A Comprehensive Beginner’s Guide”,** Dr. Bomma Rama Krishna, Mr. Maddu Rama Bhadra Rao, Dr. K Sreerama Murthy, Dr. B.V.D.S. Sekhar , PND Publishers, ISBN: 978-81-949491-5-2.
<https://play.google.com/store/books/author?id=Dr.+B.V.D.S.+Sekhar&hl=en-IN>

Research Publications:

International Journals

1. B.Ramakrishna Et Al,“Joint brain -heart disorders identification using remora optimization alogorithm-based Q neural network.” Vol 27,Pages:12653-126668(2023) ,(Science Index),link: <https://link.springer.com/article/10.1007/s00500-023-08680-1>
2. B.Ramakrishna Et Al,“Artificial Neural Network-based secured communication strategy for vehicular adhoc network Soft Computing Springer Journal,Vol 27,Pages: 297-309(2023) , (Science Index) ,Link: <https://link.springer.com/article/10.1007/s00500-022-07633-4>
3. B.Ramakrishna Et Al,“An Algorithm to Find the Geo-Map Using the Social Media-Facebook” Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 07-Special Issue, 2018 ISSN 1943-023X SCOPUS, Elsevier's bibliographic database Article History: Received: April 04, 2018, Revised: May 25, 2018, Accepted: July 28, 2018 PP 1539-1546.
4. (Scopus) B.Ramakrishna Et Al,“Importance of Social Media in Emergency Communication Networks: A Survey” Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 07-Special Issue, 2018 PP 1715-1720 SCOPUS, Elsevier's bibliographic database. Article History: Received: April 04, 2018, Revised: May 25, 2018, Accepted: July 28, 2018

5. B.Ramakrishna Et Al "Low Cost Geo Distributed Data Centers with Big Data Process", Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 07-Special Issue, 2018, pp. (394 - 397), ISSN 1943-023X SCOPUS, Elsevier's bibliographic database Received: 25Mar 2018/Accepted: 04 Jun 2018.
6. B.Ramakrishna Et Al," Impact of Social Media Networks Big Data Analysis for High-Level Business" ISSN: 2277- 3878, Volume-7 Issue-5S2, January 2019 SCOPUS, Elsevier's bibliographic database International Journal of Recent Technology and Engineering (IJRTE) PP 88-92.
7. B.Ramakrishna Et Al,"An Algorithm to Find the Geo-Map By Multimedia Communication" SCOPUS, Elsevier's bibliographic database,International Journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN: 2278-3075, Volume-8 Issue-5 March, 2019, Retrieval Number: E3382038519/19©BEIESP,Published By: Blue Eyes Intelligence Engineering & Science Publication, PP 1245-1250.
8. B.Ramakrishna Et Al,"Precise Vehicle Tracking Ways Exhausting Arduino" Kadali.Dileep Kumar Rama Krishna,B,Samba Siva Raju.Pemmani,International Journal for Innovative Engineering & Management Research,VOLUME - 7,ISSUE - 12,YEAR - 2018, (IEEE).
9. B.Ramakrishna Et Al,"A Novel Approach to Discover the Location of a Person Using Emergency Communication Network by Social Media Twitter"RAMAKRISHNA, B,JOURNAL - JASC: Journal Of Applied Science and Computations,SPECIALISSUE :10,YEAR:2018,PUBLISHER-<http://www.j-asc.com>, (Scopus) .
10. B.Ramakrishna Et Al,"Details Study of Routing protocols for Mobile AD-Hoc Networks(Manet)",IJRECE-2018,Vol-6,Issue-3 ,ISSN:2348-2281(Peer Reviewed).
11. B.Ramakrishna Et Al, "Analysis of Women Safety In Indian Cities Using Machine Learning on Tweets".IJARST-Dec-2021.Vol-11,ISSN:2457-0362.(A Peer Reviewed).
12. B.Ramakrishna Et Al, An Approach for Text Classification using Feature Selection Algorithms.Mukt Shabd Journal,July-2021,Volume-X,Issue VII,ISSN NO:2347-315.(UGC Care Approved Journal)
13. B.Ramakrishna Et Al, "Prediction of students admission among4 neighboring colleges,Stochastic moeling & Applications",15th December-2021,Vol-26,Special Issue-2022,ISSN:0972-3641.(UGC Care Approved Journal).
14. B.Ramakrishna Et Al,"ANN MODEL FOR PREDICTION OF KNEE OSTEOARTHRITIS PROGRESSION ON 3D MRI DATA",Industrial Engineering Journal , ISSN:0970-2555,Volume:52,Issue 6,No.6,June-2023. (UGC Care Approved Journal)
15. "Face Mask Detection using Deep Learning",Science ,Technology and Development journal,ISSN:0950-0707,Volume XII Issue VII JULY 2023.(UGC Care Approved Journal)

International Conferences

1. B.Ramakrishna Et Al, Bonzar Agility and Agile Methods"Mohd.Shafivullah,B RamaKrishna,A YesuBabu,International Journal of Advanced Research in Computer Science,VL - 2 Issue - 4,PageNo - 0976-5697,Year - 2011.
2. B.Ramakrishna Et Al, Evaluation of Measures Defined for Quality Attributes",International Journal of Computer Science & Technology Volume-4, Issue-Spl-4 ,PageNo:31-39,Year:2013.
3. B.Ramakrishna Et Al,"Big Data Analytics Using Machine Learning Algorithms" Proceedings (18-23) of National Conference on Productivity Quality ,Reliability,Optimizationand Computational Modeling-(SRKR Engineering College-Bhimavaram"December 27,2019".
4. B.Ramakrishna Et Al,"E-Learning in Rural and Scheduled areas "Two Day National Webinar On "Digital Technology in Education: Concerns and Consequences " at Adikavi Nannaya University ,Rajamahendravaram,Andhra Pradesh 11th and 12th Nov-2020.
5. B.Ramakrishna Et Al,"Machine Learning Approach of Stent Placement for Coronary Artery Disease Patients- A Hypothetical Approach",Springer Nature - ICMEET-2023 during 06-07 October 2023.

Certification Courses:

Sr no	Name of the course	From	Dates (Starting)	Duration
1	AI for everyone	Deep learnin AI, Coursera	13-04-2020	4 Weeks
2	What is Data Science	IBM, Coursera	28-05-2020	3 Weeks
3	Python for Data Science Training	Intellipaat	25-09-2023	4 Months
4	Data Science	IBM	25-09-2023	4 Months
5	Azure AI Fundamentals	Microsoft	3-04-2023	4 Weeks
6	Power BI Data Analyst Associate	Microsoft	30-3-2023	4 Weeks
7	Introduction to Programming in C	NPTEL	Jan-Mar 23	12 Weeks

Refresher courses / FDP's/ Seminars/Symposia/Workshops Attended:

1. One Week National Level Virtual Faculty Development Program (FDP) on "Data Science and its Applications" Organized by the Department of Computer Science and Engineering, SRKR Engineering College from 10th -15th June 2021.
2. One Week National Level Virtual Faculty Development Program (FDP) on "Multi Technology" Organized by the Department of Computer Science and Engineering, GMR Institute of Technology, Rajam in association with Braino Vision Solutions India Pvt.Ltd. from 28th June-3rd July 2021.
3. One Week National Level Virtual Faculty Development Program (FDP) on "Cloud Infrastructure (AWS)" Organized by the Department of Computer Science and Engineering,JNTUK University College of Engineering Narasaraopet ,Andhra Pradesh in association with Braino Vision Solutions India Pvt.Ltd and AICTE from 21st -25th August 2023.
4. AICTE Training and Learning (ATAL) Academy One Week Faculty Development Program (FDP) on "Convolutional Neural Networks (CNN) with Generative Adversarial Networks(GANs) "Sir C .R.Reddy Engineering College at Eluru from 11th December 2023 to 16th December 2023.

PERSONAL DETAILS:

Date of Birth : 19th April 1985
Sex : Male
Marital Status : Married
Permanent Address : Flat no: 109, Srinivasa A/C Residency t, Block C,
Near Viewers Colony,
Rustumbada,
Narsapuram.,
West Godavari DIST- 534 275,
☎ : +91 7989662002