

Educational Qualifications:**Qualified APSET in 2012**

Degree	Combination	University	Year of Passing	% of marks
Ph.D.	Comp.Sci & Engg.	Krishna University, Machilipatnam	2019	
M.Tech.	Comp.Sci & Engg.	Acharya Nagarjuna University	2010	78.4%
M.Phil.	Computer Science	Bharathidasan University	2004	69.6%
M.C.A.		University of Madras	1998	66.56%
B.Sc.	Mathematics, Physics, Electronics	Acharya Nagarjuna University	1994	66%

Teaching Experience : **25 Years**

- From 09-09-2021 to till date, Principal, ANR College, Gudivada
- From 01-07-2017 to 08-09-2021, Director UG & PG Self Finance courses, ANR College, Gudivada
- From 01-07-2010 to 30-06-2017, Associate Professor & Head, Dept. of MCA, ANR College, Gudivada
- From 01-07-2004 to 30-06-2010, Assistant Professor & Head, Dept. of MCA, ANR College, Gudivada
- From 22-07-1998 to 30-06-2004, Lecturer, Dept. of MCA, ANR College, Gudivada.

NPTEL Certifications:

- 1) Completed 12-week course on “Introduction to Internet of Things” during Jan-Apr 2019
- 2) Completed 8-week course on “Introduction to R Software” during Aug-Sept 2018
- 3) Completed 12-week course on “Design and Analysis of Algorithms” during April 2015

Research Papers:

- 1) Battling Fake News: A Survey on Mitigation Techniques and Identification, Proceedings of the Fifth International Conference on Trends in Electronics and Informatics (ICOEI). DVD Part Number: CFP21J32-DVD; ISBN:978-1-6654-1570-5, 978-1-6654-1571-2/21/©2021 IEEE.
- 2) Published an article titled “A review on context awareness in the role of sensor fusion in IOT” in the proceedings of the Three Day National Workshop on “Physics and Technology: Modern Sensors, characteristics, Interfacing & Programming” organised by Maris Stella College, Vijayawada sponsored by Andhra Pradesh Pollution Control Board (APPCB), Vijayawada from 7th to 9th November 2019.
- 3) Age Classification Based on Rotational Invariant Features, Journal of Theoretical and Applied Information Technology, 20th March 2016. Vol.85. No.2
- 4) A Dynamic Transform Noise Resistant Uniform Local Binary Pattern(DTNR-ULBP) for Age Classification, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 11, Number 1 (2016) pp 55-60
- 5) Age Classification of Facial Images Using Third Order Neighborhood Local Binary Pattern, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 15 (2015), pp 35704-35713

- 6) "Data Quality: Driver for relevant research", International Journal of Knowledge and Research in Management & E-Commerce Vol.2, Issue 3, July 2012
- 7) "Business Critical Systems and Quality Improvement", IJEMR - April 2012-Vol 2- Issue 4 - Online - ISSN 2249-2585 - Print - ISSN 2249-8672
- 8) "Quality Improvement of Business Critical Systems", International Journal of Knowledge and Research in Management & E-Commerce Vol.1, Issue 4, October, 2011
- 9) "Cloud Computing – Services, Issues & Challenges", International Journal of Software Engineering Research, Vol 2, ISSN:22490523
- 10) "Systematic Management and optimal monitoring of ground water resources for sustainability using spatial mining" in the International Conference on "Systemics, Cybernetics and Informatics (ICSCI-2009)" under the aegis of Pentagon Research Centre, India during 7-10th January 2010.

Patents :

- 1) Patent on "A method and a device for object detection", The Patent office Journal No.49/2020, dated 04-12-2020, Controller General of Patents, Designs and Trademarks, Department of Industrial Policy and Promotions, Ministry of Commerce and Industry, Government of India.

Books:

- 1) A chapter "Need for information technology in Management" in the book of "Information Technology in Management", INREWi Publications. ISBN 978-955-0775-00-2

Participation in Workshops and Seminars:

1. Two-Day National Webinar on "Data Science and its applications" organised by Government Degree College, Chebrole in collaboration with SKBR Govt. Degree College, Macherla from 25-03-2022 to 26-03-2022.
2. One-Day Multidisciplinary National level Conference on "Emerging trends in Artificial Intelligence and Machine Learning" organised by AG & SGS Degree College of Arts & Science, Vuyyuru on 28-03-2022.
3. 4 Days National Online Workshop on "Preparation of revised AQAR" organized by Sao Chang College, Tuensang, Nagaland in collaboration with IQAC Cluster held from 4th-7th April 2022.
4. A Two-day workshop on "Machine Learning : Concepts and Applications" organized by R&D Cell, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru, during 30th June-1st July, 2022.
5. One-Day International Webinar on "MATLAB-An overview" organised by Department of Mathematics and Computer Science, Dasari Narayana Rao Govt. Degree College, Palakollu on 20-09-2022.
6. One-Day National Webinar on "Effective implementation of NEP-2020: Role of Teachers and Institutions" organised by the IQAC, Maris Stella College, Vijayawada on 08-10-2022.
7. Online FDP on "Data Sciences" by AICTE Training And Learning (ATAL) Academy from 19-01-2021 to 23-01-2021 at Gudlavalleru Engineering College, Gudlavalleru.
8. Online FDP on "Data Sciences" by AICTE Training And Learning (ATAL) Academy from 05-10-2020 to 09-10-2020 at Central University of Tamil Nadu.
9. One Week Online Faculty Development Program on "Machine Learning and Deep Learning Applications in Engineering & Science" from 16th May 2020 to 20th May 2020 under Technical Education Quality Improvement Program - III
10. Participated in a National Seminar on "Recent Trends in Information and Communication Technology" organized by Krishna University, Machilipatnam during 7-8 January 2012.
11. Participated in a National Seminar on "Image processing and Applications" organized by Department of Computer Science and Engineering, University College of Engineering and Technology, Acharya Nagarjuna University, Guntur during 3 - 4 December 2011

12. Participated in Two-Day Faculty Development Programme on “Research Issues, Methodologies and Report Writing in the field of Computer Science” organized by Department of Comp.Sci . & IT, CMR College of Engineering, Hyderabad.
13. Participated in AICTE sponsored National Workshop (under faculty development programme) on “Grid Computing and its Applications” organized by Department of Computer Science and Engineering, Gudlavalleru Engineering College, Gudlavalleru during 13-24th February 2009.
14. Participated in UGC sponsored Two-Day National Seminar on “Application of Modern of Science & Technology in India during the British Rule: A special focus on the 20th Century” organized by A.N.R. College, Gudivada during 28-29th August 2008.
15. Attended an Instructional Course in “Parallel Computing” by Indian Association for Research in Computing Science (IARCS)” organized by P.B.Siddhartha College of Arts & Science, Vijayawada during 4-5th August 2007.
16. Participated in a One-day Workshop on “e-banking: Opportunities and Challenges” conducted by P.G. Dept. of Commerce, A.N.R. College, Gudivada on 15th December 2005.
17. Participated in Two-day Workshop on “Software Testing” conducted by Institute of Public Enterprises, Hyderabad on 1st and 2nd October 2005.
18. Attended One-day “Academia-Industry Seminar” conducted by NASSCOM on 30th May 2005.
19. Participated in IBM Faculty Development Program conducted by Computer Society of India, Vijayawada chapter on 22nd November 2004.
20. Participated in U G C sponsored State Level Seminar on “Impact of privatization of Higher Education without Government participation” organized by A.N.R. College, Gudivada during 10-11-2001 to 11-11-2001.

Papers Presented:

1. Participated and presented a paper titled “Curve Fitting by Least Squares Methods” in the APSCHE sponsored National Seminar on “Numerical Analysis & Applications” conducted by Adikavi Nannaya University, Rajahmundry during 8-9th October 2010.
2. Participated and presented a paper titled “Service Oriented Architecture” at the CSI National Conference on “Service Oriented Architecture” conducted by Sriji College, Ongole on 14th October 2007.
3. Submitted a paper on “Inculcating professional aptitude among students of computer science” in NAAC sponsored two-day National Seminar on “Benchmarking in Institutions of Higher Learning” conducted by A.N.R.College, Gudivada during 22-23rd January 2007.
4. Submitted a paper on “Mobility for Mobile Communications” in the National Conference on “Emerging Technologies & Applications (ETA-2005)” organized by Computer Science Department of Saurashtra University, Rajkot jointly with Amoghsiddhi Education Society, Sangli during 1-2nd October 2005.
5. Participated and Presented a paper in the U.G.C. sponsored workshop “Preparation of Question Banks” in 1st B.Sc. Computer Science Syllabus organized by A.N.R.College, Gudivada on 31-03-2005.

Resource Person:

1. Resource Person in “Computer Awareness Program” for Non-Teaching Staff Members of the College conducted from 4th October 2004 to 14th October 2004.
2. Resource Person in Refresher Course conducted by Department of Computer Science, A.N.R.College, Gudivada sponsored by U.G.C. from 27-Dec-2000 to 16-Jan-2001.
3. Nominated as Subject Expert in the selection committee to select the lecturers on contract basis in Government Degree College, Movva
4. Appointed as External Examiner to conduct Practical Examinations for M.C.A. students in the University Campus of Kakatiya University and also in the affiliated colleges.

Membership:

1. Life Member of Computer Society of India
2. Member of the Board of Studies of UG Computer Science, Krishna University
3. Member of the Board of Studies of PG Computer Science, Krishna University
4. Member of the Board of Studies of Computer Science, AG & SGS College, Vuyyuru.

Research Activities:

1. Research Guide for Periyar University and guided five scholars to get their M.Phil.
2. Research Guide for Annamalai University and guided one scholar to get his M.Phil.

Student Project Works under my guidance:

1. Faculty Mentor for the projects under “The Great Mind Challenge-2006” a National Level Software Development Program by IBM Academic Initiative
2. 75 student projects are guided by me in the consecutive years since 2001.

Events Organised:

Organized the Intercollegiate Student events at A.N.R. College, Gudivada ANRTECHIE-2010, ANRTECHIE-2008 & ACECONCLAVE-2004 as the Convener of the events.

(P.J.S.KUMAR)