PROFILE

Dr.R.Priya, M.C.A., M.Phil., Ph.D.,

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Email: Priyaa.research@gmail.com

Objective:

To achieve a challenging position in the role I play in and work hard towards achieving set goals and objectives, offering high dedication to student development and relevant educational needs.

Work Experience:

Total Experience: 21 years

Employer: VISTAS-Vel's Institute of Science Technology & Higher Studies, Chennai.
Duration: From 21st June 2007 to till date (Handling classes for MCA)
Position Held:Professor

Employer:Anjuman-I-Islam's Akbar Peerbhoy College, University of Mumbai, Mumbai.
Duration: From August 2001 to August 2006
(Handled classes for M.Sc, BCA, B.Sc.,)
Position Held: Coordinator cum Asst.Professor

Employer: Srimad Andavan College of Arts & Science, Trichy-6
Duration: From June. 2000 to March 2001 (Handled classes for M.Sc, B.Sc.,)
Position Held: Lecturer

Educational Qualification:

Ph.D. – Computer SciencefromVels University, Chennai, July 2016.

M.Phil.Computer Science with first class from Vinayaka Mission University, Salem, 2009.

MCA (Master of Computer Applications) with first class from Shrimati Indira Gandhi College, Bharathidasan University, Trichy, April-2000.
.
B.Sc.(Computer Science) with Distinction from Shrimati Indira Gandhi College, Bharathidasan university,Trichy,April-1997.
.
Professional Training Education:

Successfully Completed "Training and Assessment Program – CERTIFICATE IV "program conducted by Queensland Government, Southbank Institute of Technology, Australia on 13-aug-2010.

Achievements
- Outstanding Educator Award-2022,MSME-I20R,December 2022
- Faculty Excellence Award-2022,VISTAS,October 2022
- Paper Review Committee member in the International Conference on Recent Revolutions in Mathematics, Computer Science and Applications (ICRRMCSA'22) organized by the Department of Mathematics,Computer Science & Applications,AM Jain College,Chennai held on 09.09.2022 and 10.09.2022,September 2022.
- Faculty Excellence Award-2021,VISTAS,April 2021
- Life Time Achievement Award for Education-Women's Day celebration 2021,SKCT Trust on 28th March 2021,Chennai.
- Best Award For Teaching, SKCT Trust,Thiruvannamalai on 29th Dec 2020,Chennai.
- Secured Best Paper Award from Stella Maris College,ICACT 2020, Chennai, Jan 2020.

- - "Best Teaching and Research Excellence Award "at IRDP international symposium on education excellence on 30th may 2018, Chennai.
  - Paper Review committee member for IJETER Journal.
  - Paper Review committee member for Journal-Journal Of Personality and Social Psychology Attitudes And Social Cognition.
- External Examiner for Ph.D viva-voce exams at Bharathiar University,Coimbatore and BharathUniversity,Selaiyur,Chennai.-2019.
- Guest of Honor for intercollegiate meet "MAZE IT '18" on 23rd Feb 2018 at Prince ShriVenkateshwara Arts and Science College, Gowrivakkam,Chennai.
- Organizing member and Paper Review committee member for the International Conference on Innovations and Recent Trends in Computing Techniques & Applications-ICIRTCTA'18, on February 8th& 9th 2018, VISTAS, Chennai.
- Guest Speaker On The Topic "A Case Study For Problem Solving Using Cause-Effect Techniques" atOn 5th June 2017,at Putra Intelek International College,Malaysia.
- Guest of Honor for the National Conference on "Transforming India Through Digital Innovation" on 28th November 2016 at G.S.S. Jain College for Women",Vepery,Chennai.
- Received Appreciation award for my contribution towards research work from,Vels University in the year 2015 and 2016.
- Secured Best Paper Award from Loyola Institute of Technology, Chennai, oct-2010.
- University Rank Holder in B.Sc.,(Computer Science), Shrimathi Indira Gandhi College, Bharathidasan University,1997,Trichy.
- Has served as External Examiner for both under graduate degree courses of M.Sc., and B.Sc. (I.T) for practical and theory exams under University of Mumbai for 6 years.
- Has served as External Examiner for both post graduate and under graduate degree courses of M.C.A., M.Sc., B.Sc. and B.C.A. for practical and theory exams under University of Madras for 4 years.
- Has served as External Examiner for U.G. Degree in Quaid-E-Millath College for women.
- Has served as paper setter for university semester exam for University of Madras and Vels University and Quaid-E-Millath Government College for

women.

Responsibilities held:

- Curriculum development and enhancement.
- Class In-charge and Student Mentoring
- Class scheduling
- Overseeing the student admission process
- Student performance monitoring
- preparing course materials
- Content development through E-learning
- Organizing seminars and workshops
- Organizing Faculty Development Programs
- Student academic improvement activities and Counseling
- Conducting Workshop, Symposium and Conference

Membership in Professional Bodies
- Membership in IAENG(International Association for Engineers)

• Paper Review committee member-2018-Journal Of Personality And Social

  Psychology Attitudes And Social Cognition.

• Paper Review committee member-2017-IJETER Journal.

Research Projects Handled:

1. Training Need Assessment and management for effective Resource Utilization in Tamilnadu Highways Department, Role of IT expert,2018-2019.

2. An Innovative Design and Development of application model oriented towards stress level identification using facial Recognition and mining technique under VISTAS seed fund.,September-2018.(Fund Sanctioned-2,10,000).

3. MSME Project-DEC 2022

Patents Published:

PATENT1-"Vehicle Access Control Using BMT" , Patent No. 202041040464 Filed on 02.10.2020

PATENT2- "Vision Controller In Television Using Motion Detection",Patent No.202041035013 Filed on 28.08.2020.

PATENT3-"AGILE   SPA   COMB   ",Patent   No.202241031595,PUBLISHED JUNE-10th,2022.

PATENT4-"Easy   Laundry   Board",Patent   No.202241031584,PUBLISHED JUNE-10th,2022.

Books Published:
Data Mining For Business Intelligence-A Beginner's Book-March 2021-ISBN NO:978-81-951733-5-8(isbn.gov.in)

Book Chapters:

Book Chapter Titled"Restoration and Enhancement of COVID-19 Variants Using CT Images ", 978-981-19-5190-9, 525885_1_En, (Chapter 39), Lect. Notes in Networks & Systems,., Vol. 519, Frontiers of ICT in Healthcare Published in **Springer** nature-2023,pp485-497,April 25th-2023.Impact factor-0.60 https://link.springer.com/chapter/10.1007/978-981-19-5191-6_39

Book Chapter Titled" Challenges in Agile Project Management" published in Advances in Computer Science,Vol -17,PAGE Nos- 17-34,ISBN NO:978-93-5570-526-6,Akinik Publications.

Book Chapter Titled "Design of A Block Chain and Machine Learning Based Blood Donation Supply Chain Management" And Accepted For Publication in Block   Chain   Solutions   for   Big   Data   Analytics. https://easychair.org/publications/preprint/txx1

Publications in International Journals:

- **Two Papers titled "Performance comparison of on-chain and off-chain data storage model using Blockchain Technology" and "Design of a**

Block chain and Machine-Learning based blood donation supply chain management" got accepted and review comments are fixed for the conference 11th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2023) organized by Cardiff School of Technologies, Cardiff Metropolitan University, Cardiff, United Kingdom, during 11-12 April 2023 (Springer & Scopus Indexed)

- **"Data Encryption of Blood-chain data in Blockchain Network"** got published in IEEE International Conference on Networking and Communications 2023 (ICNWC 2023) organized by School of Computing of SRM Institute of Science and Technology, Chennai in May 2023 (IEEE & Scopus Indexed), pp. 1-9, doi: 10.1109/ICNWC57852.2023.10127347.

- Construction of Novel Neural network model based on Neural evolutionary model algorithm for improving the performance of crop yield production,International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 07 Issue: 05 | May - 2023 Impact Factor: 8.176,ISSN:2582-3930,Pages-1-18,DOI:10.55041/IJSREM20570,MAY2023

- Mobile Screen Addiction Using Addictive Attribute by Combination of Algorithm-In Addiction Disorder,ijim- International Journal of Interactive Mobile Technologies,Scopus Indexed,Vol-7,no(4),2023,,Pages-144-151 ,DOI-https://doi.org/10.3991/ijim.v17i04.37745,eISSN: 1865-7923, http://www.i-jim.org,FEB-2023

- A Strategic review on offensive data identification over social networking environment using machine learning techniques",International Conference on computing,circuits,energy and materialsNOV-2022.

- Lung disease prediction with spark framework using optimal modular neural network in big data,,Seybold,1674-1689 | Vol. 17 Issue-10,OCT-2022,ISSN:**15339211**,DOI: 10.5281/zenodo.7157438 https://seyboldreport.net/pdf/129.pdf

- An optimized random forest for multi class classification to classify the students using machine learning approaches. International Journal of Health Sciences, 6(S7), 47310–47324.SEP-OCT2022,ISSN:**2550-696X**
  https://doi.org/10.53730/ijhs.v6nS7.13116

- Lung Cancer and Covid-19 Diagnosis Techniques using CT Images-A Review,Scopus Indexed,Neuro Quantology |Neuro Quantology | September 2022 | Volume 20 | Issue 11 | Page 4303-4307 | DOI: 10.14704/NQ.2022.20.11.NQ66435,eISSN1303-5150

- Development And Performance Analysis Of Automatic Segmentation Methods For Lung Cancer Using Deformable Models And Deep Learning Technique,Scopus Indexed,Neuro Quantology | September 2022 | Volume 20 | Issue 9 | Page 5472-5484 | ISSN **1303-5150,**doi: 10.14704/nq.2022.20.9.NQ44640 https://www.neuroquantology.com/article.php?id=8089

- Implementation of Trust-based Blood Donation and Transfusion System using Blockchain Technology,Scopus Indexed,International Journal of Engineering Trends and Technology Volume 70 Issue 8, 104-117, August 2022 ISSN: 2231 – 5381 ,https://doi.org/10.14445/22315381/IJETT-V70I8P210

- "Comparative analysis of sentiment classification using machine learning techniques on Twitter data". , **Scopus Indexed**, Published in International Journal of Health Sciences, 6(S2), 8273–8280. https://doi.org/10.53730/ijhs.v6nS2.7098-,May 2022 **.**

- A Comparison Of Image Restoration Techniques Of Lung Ct Covid-19 Images,International Journal Of Mechanical Engineering,SCOPUS INDEXED,Vol.6,No.3,DEC 2021,PP NO:1592-1593.ISSN :0974-5823,DEC-2021https://kalaharijournals.com/resources/DEC_190.pdf

- Filtering And Enhancement Of Lung Computerized Tomography Images For The Diagnosis Of Covid-19 And Lung Cancer, Design Engineering, Scopus Indexed,ISSN: 0011-9342 Design Engineering, Issue: 7 | Pages: 13900- 13918, Year 2021

- Attribute Storage Supporting Secure Deduplication Of Encrypted Data In Cloud,UGC JOURNAL,Shodhsamhita:Journal Of Fundamental & Comparative Research,Vol VII,NO:12(1),2021,ISSN:2277-7067-DEC 2021

https://www.ijert.org/research/attribute-based-storage-supporting-secure-deduplication-of-encrypted-data-in-cloud-IJERTCONV7IS10066.pdf

● Climate Change Analyses Using Different Unsupervised Algorithm:A Survey,Design Engineering, Scopus Indexed,ISSN: 0011-9342 Design Engineering, Issue: 9 | Pages: 10773- 10785, Year April- 2021.

● Digital Screen Addiction with KNN And -Logistic Regression Classification, ELSEVIER Proceedings,MaterialsToday: Proceedings ScienceDirect,,Ref. No.: MATPR-D-20-10084(Accepted).https://doi.org/10.1016/j.matpr.2020.11.360-JAN 2021

● Analysis of Higher Education Counselling and its awareness among Higher Secondary Students in Tamil Nadu, India,WOS, SCOPUS INDEXED, International Journal of Modern Agriculture, Volume 10, No.2, 2021 ISSN: 2305-7246,MAY-2021.
http://www.modern-journals.com/index.php/ijma/issue/view/38

● Multiple Classifier System Based Lung Disease Prediction with Spark Framework in Big Data,SCOPUS INDEXED, Turkish Journal of Computer and Mathematics Education,Vol.12 No.9 (2021), 2266– 2276,ISSN-13094653, APRIL 2021.
https://turcomat.org/index.php/turkbilmat/article/view/3701/3168

● Plant Disease Identification Using the Unmanned Aerial Vehicle Images,SCOPUS INDEXED, Turkish Journal of Computer and Mathematics Education, Vol.12 No.10 (2021), 2396-2399,ISSN-13094653,APRIL 2021.
https://turcomat.org/index.php/turkbilmat/article/view/4848

• Addictive Parameter In Ensemble Technique & Implementation Using Flask Server, SCOPUS INDEXED, Turkish Journal of Computer and Mathematics EducationVol.12 No.10 (2021), 2400-2405,ISSN-13094653APRIL 2021.
https://turcomat.org/index.php/turkbilmat/article/view/4849

• Efficient segmentation and classification of lung cancer Diagnosis Techniques Using Ct Images: A Review, SCOPUS INDEXED, Turkish Journal of Computer and Mathematics Education,Vol.12,No.10,(2021),2433-2440ISSN-13094653.APRIL-2021
https://turcomat.org/index.php/turkbilmat/article/view/4854.

- Low Light Image Contrast Enhancement Using Advanced Perfusion Technique,ELSEVIERProceedings,MaterialsToday:Proceedings,ScienceDirectNOV 2020,https://doi.org/10.1016/j.matpr.2020.10.387,NOV 2020

• Hybrid Rswhe-Power Law Transformation Algorithm For Improving The Enhancement Of The Image, , SCOPUS INDEXED, ARPN Journal of Engineering and Applied Sciences, ISSN 1819-6608,VOL. 15, NO. 14,PP.1563-1573, JULY-AUG 2020 https://s.docworkspace.com/d/AKcIUVbVoMlH4ZusmN6dFA

• Retrospective Analysis Of Land-Cover Transitions Using Multi-Temporal Images And Logistic Regression Algorithm,SCOPUS INDEXED,IJAST International Journal of Advanced Science and Technology Vol. 29, No. 12s, (2020),pp.1209-1214,JUNE.http://sersc.org/journals/index.php/IJAST/article/view/22596.

• "Comparative Study Of Cryptographic Algorithms In Cloud Environment", (eds) Intelligent Computing & Lecture Notes in Network &System,Vol 118,SPRINGER PUBLICATION,SINGAPORE,DOI:https:/doi.org/10.1007/978-981-15-328-9_64,ISBN:978-981-15-3283-2,ONLINE ISBN: 978-981-15-3284-9.,pp 561-569,MAY 2020. http://link.springer.com/chapter/10.1007/978-981-15-3284-9_64

• "Eipd-Enhanced Intelligent Probability Detection Algorithm For Big Data Processing In Health Care Sector ",SCOPUS INDEXED,JARDCS,Journal of Adv Research in Dynamical & Control Systems,Vol 12,ISSN NO-1943-023X,Issue-02,pp.1864-1875,DOI: 10.5373/JARDCS/V1212/S20201231,May 2020.
https://www.jardcs.org/abstract.php?id=4302/
https://www.jardcs.org/archivesview.php?volume=3&issue=31&page=8

• "Social media sentiment analysis for opinion mining",IJPR, SCOPUS INDEXED,International Journal of Psychosocial Rehabilitation",vol.24,(ISSN -0975-2366)Issue-5,DOI:10.37200/IJPR/V2415/PR 202075,PP. 3672-3679,APRIL 2020. https://www.psychosocial.com/article/PR202075/19981/

• "Personal health record using cloud computing",IJPHRD, SCOPUS INDEXED ,Indian Journal of Public Health Research & Development,ISSN: 0976-0245,vol.11,www.ijphrd.com, PP.285-291,MARCH 2020.http://www.ijphrd.com/scripts/IJPHRD%20January_2020.pdf

- Conceptual course selection framework for post secondary student's enrolment in Indian universities and colleges,JARDCS,SCOPUS INDEXED journal, Journal of Adv Research in Dynamical & Control Systems,vol.12,DOI:10.5373/JARDCS/V12SP3/20201285,ISSN 1943-023X,pages:503-507,MARCH 2020.https://www.jardcs.org/archivesview.php?volume=3&issue=29&page=2#

- "Neck on theline –Thyroid gland hormonal and metabolic ataxia",IJETT,International Journal of Engineering Trends and Technology, PP.57-60, ISSN: 2231-5381.SCOPUS INDEXED,FEB 2020.https://ijettjournal.org/Volume-68/Issue-2/IJETT-V68I2P210.pdf

- Best Paper Award ,"comparison of classifier in Machine Learning to Predict the TeensDisorder" at the Second International Conference on 'Advancements in ComputingTechnologies" –ICACT 2020-Jan 10 th& 11 th ,PP.29,2020 organised by Stella MarisCollege,Chennai.JAN-2020.

- "Prevalence of stress and Identification of crucial stress factors among working women",Journal of Information and Computational Science,JOICS,UGC JOURNAL,PP.1237-1246,Volume 9 Issue 11 - 2019,ISSN: 548-7741,DEC-2019.http://www.joics.org/gallery/ics-1795_1.pdf

- "Study on Contrast Enhancement Techniques for High contrast and Low Contrast images",JARDCS,ScopusIndexed,Journal of Adv Research in Dynamical & Control Systems, DOI:10.5373/JARDCS/V11SP10/20192885,ISSN 1943-023X,pages:901-903,SEP-OCT 2019 https://www.jardcs.org/abstract.php?id=2790#

- "Screen Time Addiction and Psychological Metric Analysis among Teens Using Machine Learning Techniques",JARDCS,ScopusIndexed,Journal of Adv Research in Dynamical & Control Systems,PP.119-124,Vol. 11, 10,ISSN 1943-023X, SEP-OCT 2019. https://www.jardcs.org/abstract.php?id=2582#

- "The survey on personal health record using cloud computing",Journal of information and computational sciences,JOICS,UGC JOURNAL,PP.585-593,volume 9,issue 9,ISSN NO:1548-7741,September/2019.http://www.joics.org/gallery/ics-1415.pdf.

- A Comparative Study of Classification Techniques in Data Mining,The International journal of analytical and experimental modal analysis, IJAEMA,UGC JOURNAL,PP.82-94,Volume XI, Issue IX, ISSN NO: 0886-9367,September/2019.
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- "The Thyroid Guide",International Journal of Analytical and Experimental Modal Analysis,IJAEMA,UGC journal,PP.1089-1094,Volume XI,ISSUE VII,ISSN NO : 0886-9367,JULY-2019.
https://app.box.com/s/4tc3cipapd4gnqrbow0wp2ydhwxn8gmw

- The Role of stress among working women-A Review,The International journal of analytical and experimental modal analysis,IJAEMA,UGCJOURNAL,PP.806-814,volume XI, Issue VII, July/2019,ISSN NO: 0886-9367.https://app.box.com/s/vaarx4gdcjn7fvbolw9mgk8s8xt2vjjx.

- "Tracking of Mobile Location and Automatic Video Recording usingAndroid Attack Application", International Journal of Management, Technology And Engineering,IJMTE,UGCjournal,Volume IX, Issue VII, ,PP.45-55,ISSN NO : 2249-7455,July2019.https://app.box.com/s/x6o207s309axvgfdt0kdntzgli619bo3

- "Electronic Screen Addiction In Digital World", International Journal Of Information And Computing Science, IJICS, UGC journal,PP.582-586,Volume 6, Issue 6,582-586,ISSN NO: 0972-1347,June 2019.
http://ijics.com/Volume-6-Issue-6-June-2019/

- "Hybrid Optimization based clustering approach for effective predicting and recommendation of movies",Journal of Emerging Technologies and Innovative Research,JETIR,UGCjournal,Volume 6,Issue 5,PP:676-687,ISSN NO:2349-5162,May-2019.
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- "Missed Data Prediction and Movie Recommendation Using Hybrid Linear Regression Based Pearson Correlation Coefficient Method", International Journal of Research in Advent Technology (IJRAT), UGC journal,PP:10-15,Special Issue, March2019,E-ISSN:
2321-9637,www.ijrat.org.http://www.ijrat.org/archives/SPECIAL-ISSUE-ICCCMIT-2019.

- "A Framework For Mentoring Female Students Using Image Processing And Mining Technique", JASC: Journal of Applied Science and Computations Volume 5, Issue 11, ISSN NO: 1076-5131,November-2018.http://www.jasc.com/gallery/168-november-2018.pdf

- "Client side encryption on cloud computing", International Journal of Trend in Research and Development,(IJTRD),(ISSN :2394-9333),September 2018.http://www.ijtrd.com/papers/IJTRD18017.pdf

- Contrast Enhancement Using Histogram Equalization , International Journal of Innovative Research in Applied Sciences and Engineering (IJIRASE) Volume 2, Issue 2, DOI: 10.29027/IJIRASE.v2.i2.2018.260-273, ISSN(Online) : 2456-8910 August 2018.http://www.ijirase.com/assets/paper/issue_1/volume_2/V2-Issue-1-260-273.pdf

- "Security Issues in Cloud Computing and Existing Solutions a Survey",IJET,International Journal of Engineering & Technology, 7 (3.27) (2018) 200-205,Scopus Indexed,ISSN: 2227-524X,August-2018. https://www.sciencepubco.com/index.php/ijet/article/view/19469

- Analysis Of Web Based Opinion Mining To Organize And Extract The Features Of Web Opinions: A Survey,Jour of Adv Research in Dynamical & Control Systems-JARDCS,SCOPUS-INDEXED, Vol. 10, 11-Special Issue, 2018,PP-1088-1095, ISSN 1943-023X 1088, July 2018. https://www.jardcs.org/backissues/abstract.php?archiveid=5438.

- "Image contrast enhancement techniques-a survey" ,IJET,International Journal of Engineering & Technology, 7 (2.33),466-469 ,ISSN 1943-023X 1088Scopus Indexed,www.sciencepubco.com/index.php/IJET,June-2018. https://www.sciencepubco.com/index.php/ijet/issue/view/338

- "A survey on educational data mining techniques in predicting student's academic performance",IJET,International Journal of Engineering & Technology, 7 (2.33),634-636,Scopus Indexed,ISSN 1943-023X 1088Website: www.sciencepubco.com/index.php/IJET,June-2018. https://www.sciencepubco.com/index.php/ijet/article/view/14853

- " A web based opinion target relations from online reviews using Naïve Bayes Model",IJPAM, International Journal of Pure and Applied Mathematics, Scopus

Indexed,Volume 119 No. 12, 2018, 16773-16784,(printed version); ISSN: 1314-3395 (on-line version), May- 2018.
https://acadpubl.eu/hub/2018-119-12/articles/6/1557.pdf

• "Identification Of Slow Learners With Categorization Data Mining Techniques", IJPAM, International Journal of Pure and Applied Mathematics, Scopus Indexed,Volume 119 No. 10, 2018,PP:169-173 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version), April 2018.https://acadpubl.eu/jsi/2018-119-10/articles/10c/24.pdf

• "Mining Approximate Functional Dependencies from Large Databases Based on Concept Similarities to Answer Imprecise Queries", IJPAM, International Journal of Pure and Applied Mathematics, Scopus Indexed, Volume 116 No. 21 2017,PP:651-660,ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version), November 2017.
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• "Mining Approximate Functional Dependencies and Concept Similarities to Answer Imprecise – QueriesA Review,IJIRMET,PP:108-113,VOL 2,Issue 6,ISSN(ONLINE):2456-0448,Impact factor:2.316 June 2017,https://ijirmet.com/,

• "Approaches to Partition Thyroid Data using Clustering Algorithms", International Journal of Control Theory and Applications, IJCTA,Scopus Indexed, Volume 10 , Number 25 ,Pages 153-158 2017, ISSN : 0974-5572,Impact factor:0.526,April 2017.https://serialsjournals.com/index.php?route=product/product&product_id=365,https://www.researchgate.net/publication/334942566_Approaches_to_Partition_Thyroid_Data_using_Clustering_Algorithms,https://www.researchgate.net/journal/0974-572_International_Journal_of_Control_Theory_and_Applications

• "Improved Searchable Encryption via Conglomerate Keys in Federated Cloud Storage", IndianJournal of Science and Technology,IJST,Scopus Indexed Vol. 9(43), DOI: 10.17485/ijst/2016/v9i43/97522, Impact factor:1.002, ISSN (Print): 0974-6846, ISSN (Online):0974-5645,November 2016.
https://indjst.org/download-article.php?Article_Unique_Id=INDJST8580&Full_Text_Pdf_Download=True,https://indjst.org

• "A Comparative Study of Hierarchical Clustering in Heterogeneous Environment", IJLCA,International Journal of Linguistics and Computational Applications, ISSN 2394-6385 (Print), ISSN 2394-6393 (Online),Volume 3, Issue 2, April– June 2016 .https://www.academia.edu/43368015/A_Comparative_Study_of_Hierarchical_Clustering

_in_Heterogeneous_Environment,https://journals.indexcopernicus.com/journal/42782,https://journals.indexcopernicus.com/journal/42782

• "Secured Data Sharing In Federated Cloud Environment", IJETST, International Journal of Emerging Trends in Science and Technology, |ISSN 2348-9480, Vol.||03||Issue||03||Pages 3658-3660, Impact Factor: 2.838 DOI: http://dx.doi.org/10.18535/ijetst/v3i03.06,March-2016.http://ijetst.in/,http://igmpublication.org/ijetst.in/index.php/ijetst/article/download/1029/833/

• "A Comparative Study of data structures for Proximity Search using Text Based keywords", IJARCS, International Journal of Advanced Research in Computer Science, ISSN: No. 0976-5697,Volume 6, No. 8, Nov-Dec 2015.

• "An Analysis of Association and Classification Rules for Data Mining Algorithms with Student Dataset",AJBAS,Australian Journal of Basic and Applied Sciences", ISSN:1991-8178, 9(27), , Pages: 433-441,Impact Factor: 0.43 ,August 2015.

• "Discovering Frequent Item set in Student Database using Association rule mining emphasizing Stress Factors", IJAER, International Journal of Advanced Engineering and Research, Scopus Indexed,Impact Factor:2.864,ISSN 0973-4562,VOL.9,NO.27,PP.9745-9752,August 2015.

• " A Comparative Study of Association Rules Data Mining Algorithms with Stressed Student Dataset", EJSR, European Journal of Scientific Research, Scopus Indexed, ISSN 1450/1450-202X,Vol.128,No 4,PP. 271-283,,Impact Factor:0.713,January 2015.Indexed in: ProQuest ABI/INFORM Genamics, Elsevier Bibliographic Databases, EMBASE,Ulrich, DOAJ , EMNursing, Compendex, GEOBASE , Scopus, and Mosby. European Journal of Scientific Research is monitored by Science Citation Index (SCI).

• "Mining Association Rules From Large Data Bases-A Review", IJAET, International Journal of Advanced Engineering & Technology, Vol. 7,Impact Factor:3.43, ISSN: 22311963, Issue-4,pp.1306-1311,September 2014.

• "Training Tesseract OCR for Tamil language"at Bi annual International Interdisciplinary Tamil Journal. Volume 1 No.2, October 2013- March 2014. ISSN NO: 2321-984X.

Publication in International Conference Proceedings:

- Participated and presented a paper titled "Performance comparison of on-chain and off-chain data storage model using Blockchain Technology" in FICTA-2023 held at Cardiff School of Technologies, Cardiff Metropolitan University, Cardiff, UK,April2023

- Construction of Novel basedNeural Network based on Neuroevolutionary Algorithm for improving the performance of crop yield prediction,International Conference(A2CMR-2022) organized by Presidency University,Bangalore on 9-10 Dec 2022.

- A Strategic review on offensive data identification over social networking environment using machine learning techniques",International Conference on computing,circuits,energy and materialsNOV-2022SUBMITTED.

- Lung cancer and Covid-19 Diagnosis Techniques using CT IMAGES-A review at International Conference on Recent Revolutions in Mathematics, Computer Science and Applications (ICRRMCSA'22) organized by the Department of Mathematics,Computer Science & Applications,AM Jain College,Chennai held on 09.09.2022 and 10.09.2022.,Sept 2022,ISBN NO 978-81-9078-935-6.

- Lung Diseases prediction with spark framework using optimal modular neural network in Big data at SRM ,International Conference Proceedings-ICSRMA-2022,held on 13th & 14th july 2022,PAGE-53,ISBN NO:978-81-956681-0-6

- Development & Performance Of Automatic Segmentation Methods For Lung Cancer Using Deformable Models & Deep Learning Techniques" -Accepted For International Conference Proceedings- ICSRMA-2022, SRM Arts & Science College, Kattankulathur,Chennai.-Accepted(july-2022)

- Segmentation and Thresholding of Covid-19 and Lung Cancer using Enhanced CT images-VICCM 2022,Vistas International Conference on Computing and Mathematics.PAGE-627,ISBN 978-81-954874-1-7,March 23rd and 24th March 2022.

- Evaluating the effectiveness of Encoding Categorical data on post secondary students data for multiclass classification using data mining techniques,International Conference -ICADSTOC-2022,"Advances in Data Sciences and theory of computing",organized by Bharath Institute of Higher Education & Research",Chennai on 30th March 2022.

- · Restoration and Enhancement of Covid-19 Variants using CT images,7th International Conference organized by Computer society of India,-EAIT 2022-Kolkata Chapter on March 30th 2022.

- · Segmentation and Thresholding of Covid-19& Lung Cancer using enhanced CT images, International Conference VICCM-2022,organised by Vels Institute of Science,Technology & Higher Studies ,Chennai on 23rd & 24th March 2022

- Development of an Optimized Random Forest for multi class classificationC,SRM Institute of science & technology,Chennai on 16th & 17th Feb 2022.

- Efficient Segmentation And Detection Of Covid-19 And Lung Cancer Using Ct Enhanced Images, Ranjani.R The first International conference Advances in Data Science challenges with Big Data Analysis-ICADSC2022,SRM Institute of science & technology,Chennai on 16th & 17th Feb 2022.

• A Comparison of Image Restoration Techniques of Lung CT Covid-19 Images at International Conference On Multidisciplinary Research & Innovation,IMDCRI-2021,Volume 1,Page 1,Conference Proceedings,Alpha College of Arts &Science,Chennai on 9th& 10th Dec 2021,Multidiciplinary Research Innovation,ISBN 123-12-1234-123-1

• "SVM And Gradient Booster Classifier In Digital-Device Addiction Disorder" at International conference on Recent Trends & Technologies in Soft Computing (ICRTSC'20) 28th & 29th Sept2020 ,ISBN: 978-93-5416-195-7,organised by St.Peter's University,Chennai.Sept-2020

• Best Paper Award ,"comparison of classifier in Machine Learning to Predict the Teens Disorder" at the Second International Conference on 'Advancements in Computing Technologies" –ICACT 2020-Jan 10 th& 11 th ,2020 organised by Stella Maris College,Chennai.JAN-2020.

• " A Comparative Study Of Cryptographic Algorithms In Cloud Environment",in the International Conference on recent trends in science and management(ICRTSM'18),Faculty of Arts &Science,Organized by BIHER &TECHOWN,Bharath Institute of Higher Education and Research,Chennai on 23rd -24th November 2018.

• " An Analysis of Contrast Enhancement Techniques Based On High Contrast And Low Contrast Of Images "in the International Conference on recent trends in science and management(ICRTSM'18),Faculty of Arts &Science,Organized by BIHER &TECHOWN,Bharath Institute of Higher Education and Research,Chennai on 23rd -24th November 2018.

• "Client side encryption on cloud computing" in the National Conference on Prominent Challenges in Information Technology(NCPCIT'18) held on 18th September at St.Joseph's College of Arts and Science for Women,Hosur,Tamil Nadu, ,(ISSN :2394-9333),September 2018.

• "Security Issues in Cloud Computing & Existing solutions –A survey",at the International Conference ICCTDSV'18, in April 2018, VISTAS, Chennai.

• "Image Contrast Enhancement Techniques-A Survey" ,at the International Conference on Innovations and Recent Trends in Computing Techniques & Applications-ICIRTCTA'18,onFebruary 8th& 9th 2018,VISTAS, Chennai.

• A Survey on Educational Data Mining Techniques in Predicting Student's Academic Performance"at the International Conference on Innovations and Recent Trends in Computing Techniques & Applications-ICIRTCTA'18, on February 8th& 9th 2018,VISTAS,Chennai.

• Application of machine learning in stock trading at the International Conference on Innovations and Recent Trends in Computing Techniques & Applications-ICIRTCTA'18, on February 8th& 9th 2018,VISTAS,Chennai.

• Enhancement Of Association Rule Mining Technique For Psychological Skill Development Of College Students" At The International Conference In Computing Techniques,On 5th June 2017,At Putra Intelek International College,Malaysia.

• "Mining Approximate Functional Dependencies and Concept Similarities to Answer Imprecise Queries-A Review", at the International Conference on Recent Trends in Computing Technology, BharathUniversity, Chennai on 21st April 2017.

• "The Role of Data Mining techniques in Educational settings enhancing the learning process" at the International conference at Sankara University on March 13th, 2014, pp. ISBN NO: 978-81-907153-5-5, March 2015.

• "Discovering the Frequent Item set in Student database using Association Rule Mining emphasizing Stress Factors", at the second International conference on Innovations in Contemporary IT Research, ICITR 2015 ,at Quaid-E-Millath Govt. college for Women on 6th and 7th February 2015.

• "Design and Developing E-Content for adaptive E-Business Process", International Conference Proceedings on Innovations in Contemporary IT Research at Quaid-E-Millath Government College for Women, Anna Salai, Chennai, India, 17-18, pp. 141 – 146 with ISBN NO: 978-3-642-24042-3,February 2012 .

• "An Analysis of ELearning methodologies to bring out the effective learning process" in International Conference On "Recent Advancements in Computing Technology" at Bharath University, Chennai on 30 and 31st Mar'2011.ISBN NO: 978-81-909561-23,March 2011.

Publication in National Conference Proceedings:
• "Client side encryption on cloud computing" in the National Conference on Prominent Challenges in Information Technology(NCPCIT'18) held on 18th September at St.Joseph's College of Arts and Science for Women,Hosur,Tamil Nadu, ,(ISSN :2394-9333),September 2018.

- " Contrast Enhancement Using Histogram Equalization" in the National Conference on "Current Trends in Computational Sciences ",CTCS 2018 organised by Annai Violet College of Arts & Science on 31st August & 1st September 2018.
- "Enhanced cloud computing security threats and Responses "at National Conference Proceedings ETCSIT'13 on 27th March 2013, ISBN: 978-93-80485-30-0, March 2013.
- "A study on Data Mining Techniques and Applications", at National Conference Click'13, on 27thFebruary 2013, ISBN NO: 978-93-81992-96-8,February 2013.
- "Mobile Wireless sensor networks using MDSAP Model for a Hospital Application" in Proceedings of National Conference "NCETCAM'12" on 24th& 25TH February 2012. ISBN No.978-93-81208-04-5,February 2012
- "A Study on increased usability of Transaction in Mobile Computing" in Proceedings of National Conference "NCETCAM'11" on30th and 31st March 2011.ISBN NO-978-81-920490-5-2,March 2011.
- "The Role of Software Project Management in Higher Education" in Proceedings of National Conference "NCCAME'10" on8th October 2010, ISBN NO: 81-7735-907-X,October 2010.

E-Content Developed-Moodle Link
- Introduction to operating system concepts:
https://drive.google.com/file/d/1XH1hjw9tHMTosCIDMwt0IuuvpPJkXg4l/view?usp=drivesdk
- Operating systems and structure 1:
https://drive.google.com/file/d/1NdjK-HNvbrtnCORgwtAcH8mwcsXehf4L/view?usp=drivesdk
- Operating systems and structure 2:
https://drive.google.com/file/d/130ZObJcRGSuyn6L2nXo3co2ZmlAqvJAl/view?usp=drivesdk
- Operating systems and structure3:
https://drive.google.com/file/d/1E_doTVYckw2Y34RYZzByLzQ9BYQbGxAY/view?usp=drivesdk
- Operating systems and structure 4:
https://drive.google.com/file/d/1OuzsW-t8fYNA-SGhHGS12CMrxdeOuxgx/view?usp=drivesdk

BOM Meeting Attended:
- Attended Board of Management meeting on 17.9.2020
- Attended Board of Management meeting on 30.9.2019

Workshops Attended:
- National workshop on Yoga-Har Ghar Dhyan session ,Ministry of Culture,Govt of India organised by The Art of Living on 31st Jan 2023.

- Training program on IP awareness under National Intellectual property Awareness mission organised by Intellectual Property Office,India on 31st Jan 2023.

- One day Conference on "The Future of Work-Bridge 2018" by ICT Academy at Hotel ITC Grand Chola, Chennai, TN scheduled on Wednesday the 28th Mar 2018 .
- International Workshop on "Mobile Application Design and Development for Android" on 29th June 2015 at Vels University.
- Data Mining Tools & Techniques-A Research Perspective "at Loyola College on 13th& 14th of March 2015.
- "R Tool" at LoganathaNarayanasamy Govt. College, Ponneri on 5th September 2014.
- "Networking training" at Bharath university on 10th and 11th January 2014.
- Workshop titled "DBMS" at Vels University by IIT Bombay from 21st to 31st May 2013.
- "The art of writing research articles" at Quiad-e-Millath government college on 9th February 2013.
- "Aakash for Education" at Vels University by IIT Bombay 10th and 11th November 2012.
- "International workshop on research" combined with Higher Education Academy London at Vels University on 9th august 2012
- "Android workshop" at Vels University on 30th and 31st January 2012.
- "Lamp and Open Source Applications" workshop at Vels University by iBytecode training solutions from 5th February 2011 to 12th February 2011.
- "Ethical Hacking" workshop organized by Digiterati on 5th April 2010 at Vels University.
- "Advanced Excel, MS One note and Groove" organized by Digiterati on 23rd February   2010 at Vels University.

● "SQL Server 2008" workshop organized by Digiterati on 7th January 2010 at Vels University.

Seminars Attended:
- Attended training program on National Intellectual Property Awareness Mission on Jan 31st,2023 organized by Intellectual Property Rights,India
- NPTEL workshop titled Cloud Architecture-Design patterns & PC on cloud-Dec 17th 2022.
- Organized seminar on "Cyber crime Awareness"-Dept of MCA,VISTAS,chennai on 11.10.22
- Seminar titled Step by Step Guidance to Intellectual Property Rights organized by Rathinam College of Arts & Science,Coimbatore-21 on 8.10.2022
- Seminar titled Intellectual Property Rights-Patent Dominance in Academic organized by Department of Computer Applications,on 31st March 2022.
- International Live Webinar on "Emerging Trends in Tourism Research and HospitalityPost Covid-19",Organized by RKDF University,Ranchion 31st,May 2021.
- One day state level seminar on "Research Tools and Techniques in Computer Science" at Presidency College on 5th August 2014.
- "Emerging open source technologies" at VelsUniversity on 5th August 2011.
- "Java and J2EE technologies" at Vamsoft technologies, Chennai ,on 18th April 2009.

Certification Course:
- Completed NPTEL certification Course and Faculty Development program on Roadmap for Patent Creation -March 2023.
- Completed one month certificate course on "30 Days Master Class on Data Science & Analytics" from Pantech E-learning,Jan 20.1.2022-Feb 18.2.2022
- Completed NPTEL certification Course and Faculty Development program on Cloud Computing and Distributed System ,March-2022

Faculty Development Programme/Webinar:
- Participated in the BRIDGE 23-A High impact Industry Institute Interaction Event on March 14th 2023 organized by ICT Academy & Information Technology and Digital services department,Govt of Tamilnadu-March 2023

- Completed one week International Online FDP on "Cyber Safety" from 2.3.23 to 11.3.23 organized by DG Vaishnav College,Chennai-MARCH2023.
- Completed 5-Day International Virtual Online FDP Series on Advance In Emerging Trends & Technology from Feb 6th 2023 to Feb 10th 2023 organized by St.Joseph's College,Kovur,Chennai.

- Completed 5-Day International Online FDP Series on Trending Technologies conducted by MEASI Institute of Information Technology from Nov 15th 2022,NOV-2022.

- Completed 5-Day Online International FDP on "CurrentTrends in Information Technology" conducted by MEASI Institute of Information Technology from 26.09.2022 to 30.09.2022-SEP2022..

- Completed Faculty Development program on Cloud Computing and Distributed System ,March-2022

- FDP-5 Days on "Role of Industry 4.0 in Industry & Research" organized by VISTAS,Dept of Computer Applications,Chennai-117 from 15th dec 2021 to 21st dec 2021

- FDP-5 Days on "faculty Industry Immersion program on Data science" organized by SRM institute of Science & Technology ,RamapuramCampus,Chennai in association with object Automation Software solutions Ltd., from 22nd-June-2021 to 26th June 2021

- Attended ISTE sponsored Two-Days Online Faculty Development Program on "Smart Application of Nano Sciences for Innovative Engineering Aspects" during 13-14 April, 2021 organized by Poornima Institute of Engineering & Technology, Department of Applied Science, PIET, Jaipur

- Attended Webinar session "Insights on Writing a Research Proposal for Funding Agencies" on 26th December, 2020 Organized by School of Computing Sciences, VISTAS, Chennai.

- Organised Webinar session "MATLAB ON THE RAMP", in association with Digitech on 9.11.2020 at VISTAS,Chennai.

- Organised Webinar session "MATLAB ON THE RAMP",in association with Digitech on11.12.2020 at VISTAS,Chennai
- Attended Webinar session "MATLAB ON THE RAMP-deep learning & machine learning",in association with Digitech on14.12.2020 at VISTAS,Chennai
- Attended Webinar session on "Crytocurrency and Block chain Technology" in association with ICT academy on 18/6/2020 organised by VISTAS.
- Webinar , " Thingspeak Cloud & IOT" organized by Quaid-E-Millath college for women in association with Pantech E-Learning on 2nd June 2020.
- International FDP-JAPAN,"AI Based Proctoring in Next Generation Education", organisedbySSSShasun Jain College, Chennai on 23.5.2020.
- National FDP," The Art of Writing Quality Research Papers & Scientific Thesis Writing " ,organised by Sindhi College, Chennai on 22/5/2020.
- Webinar , "Yoga For Health", organised by BIHER -Bharath University, Chennai on 22/5/2020.
- FDP, Research Methodology on EBSCO HOST (APS & BSE),organised by VISTAS,Chennai on 19/5/2020.
- Participated in National level webinar on "How data can be secured in Digital Era" in association with Neyes technologies on 16.5.2020
- National FDP," Data Analytics & Data Visualisation Using Tableau" on 14.5.2020 & 15.5.2020 organised by Sri Krishna swami College for Women, Chennai.
- FDP, "Artificial Intelligence & its Applications ",organised by CS Dept, VISTAS on 14/5/2020.
- Webinar , " Impact of Covid-19 on IT Industry" , organised by M.O.P. Vaishnav College for women ,Chennai on 12/5/2020.
- Webinar ,"Machine Learning Algorithms, Applications & Trends", organised by SSS Shasun Jain College, Chennai on 10/5/2020.
- Webinar , " Overcome Lockdown Using Holistic Health" , organised by Computer Applications dept,VISTAS,Chennai on 8/5/2020.
- FDP,"Data Analysis &Visualisation of COVID-19 Data set using Python",organised by Jerusalem College of Engineering in Association with CIRF(Computational Intelligence Research Foundation) ,Chennai on 7/5/2020.
- Sky Campus session , "The Power of A Teacher" on 4/5/2020 organised by ICT Academy, Chennai.
- FDP, "Data Science Approach for Industry and Research", organised by Dept of BCA & IT,VISTAS, Chennai on 2/5/2020.

- FDP,Data Science with Python",organized by ICT Academy,Chennai from 12.3.2020 to 14.3.2020.
- "Pedagogy & Research Methodology" atVels University on 30th June & 1stJuly 2017.
- "All about Time Complexity of Algorithms" at Vels University on 8th Jan 2016.
- "Student centric pedagogy" at Vels University on 2nd, 4th& 5th of July 2016.
  "Networking and Network security" at BSNL from 6th to 8th March 2013.
- "Relevance of Data mining in research areas" at Asan Memorial institute of management on 17th March 2012.
- Two days winter faculty connects symposia at Vels University by CSI and Microsoft on 3rd and 4th February 2012.
- Lecture Series at IEEE Communications Society, Madras chapter on 23rd July 2011.
- FDP titled "Cyber Security" at Velammal College of management and computer studies on 11th and 12th December 2009.

Project Guidance
- Ph.D candidates produced-4
- M.Phil candidates produced-15
- Guiding Ph.D., (Computer Science) Students from Vels University- VISTAS, Chennai, India.
- Guided/Guiding M.Phil students from Vels University-VISTAS, Chennai, India.
- Guided/Guiding MCA, M.Sc., BCA (Hons) students from Vels University and University of Madras.

Ids
Google Scholar Id-adjOm0gAAAAJ
Orcid Id- 0000-0002-8438-304X
Scopus Id-56259462500
Vidwan ID-https://vidwan.inflibnet.ac.in/profile/234291
Research Id-https://publons.com/researcher/AAA-4746-2022/

Personal Profile:

Father's Name	:	S.R.S.Mani
Date of Birth	:	04/12/1976
Nationality	:	Indian
Sex	:	Female
Marital Status	:	Married
Husband's Name	:	S.Anand
Permanent Address	:	Jains Green Acres,
		Block 8/H4, Dargah Road,
		ZaminPallavaram, Chennai-600043
		Tamil Nadu, India.

Strength:

• Self-motivated
• Hardworking
• Quick learner
• Can work well both in groups as well as an individual

Declaration

I hereby declare that the above particulars furnished by me are correct to the best of my knowledge.

Place:Chennai   Yours Faithfully
Date: Dr.R.Priya

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