

# Resume

**Dr. S. Niraimathi**  
**Associate Professor, Department of CS with AI &ML**  
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## Professional Summary

Believes in J.K. Rowling's words "We do not need magic to change the world, we carry all the power we need inside ourselves already. We have the power to imagine better". A diligent professor with 22years of experience. Possess good communication and interpersonal skills.

## Academic Qualification

| Degree/Exam                        | Year of passing | Class | Board/University                       |
|------------------------------------|-----------------|-------|----------------------------------------|
| AISSE                              | 1989            | I     | CBSE                                   |
| HSSC                               | 1991            | I     | State board                            |
| B.Sc(Computer Science)             | 1994            | I     | N.G.M College<br>Bharathiar University |
| M.C.A                              | 1997            | I     | N.G.M College<br>Bharathiar University |
| M.Phil(Computer Science) Part time | 2005            | I     | N.G.M.College<br>Bharathiar University |
| Ph.D(Computer Science) Part time   | 2014            | -     | Mother Teresa Women's University       |

## Patents

Imputation Procedures on Sparse and Skimpy Plant Taxonomy Data using CAMS Classifier

## Certifications

1. Passed Business English Certificate Vantage in March 2007 conducted by University of Cambridge as a part of ESOL Examinations
2. Passed IBM Certifications (3 Courses) on Artificial Intelligence and Machine Learning
3. Passed NPTEL Certification on Software Conceptual design
4. Passed NPTEL Certification on Software Testing
5. Passed Java Frameworks in June 2001 conducted by SSI

## Technical Skills

### Operating System:

Windows 10, Unix, Android

**Languages:**

C, C++, Java, Python

**RDBMS:**

Oracle, MS SQL Server, MySQL, SQLite

**IDE:**

MS Visual Studio, IDLE, NETBEANS, ECLIPSE, R Studio

**Web Tools:**

HTML, DHTML, CSS, and XML

**Frameworks:**

J2EE, MVC, AngularJS, MVW

**Web Technologies:**

VBScript, JavaScript

**Web Servers:**

Java Web Server, Node.js

**Open source tools:**

Python, Linux, Node.js, Android

**Area of expertise:**

Fuzzy Logic, Object oriented Programming, Artificial intelligence and Neural Networks

**Subjects handled:**

C, C++, JAVA, J2EE Frameworks,  
C#, Python, Angular JS, Android Programming UNIX, Principles of Compiler Design, System  
software OOAD&UML, Software Engineering, RDBMS  
Visual Basic, Data structures, Graphics, Distributed Computing  
Computer Networks, Information Security, Python for Data Science,  
Artificial Intelligence, Machine Learning

**Date of Joining** : 20.06.2001 (NGM College)

**Teaching Experience** : 25 Years(In N.G.M College, Pollachi)

**Research Activities****M.Phil Guidance**

**Completed: 7**

**Ph.D Guidance**

**Completed: 4**

## **No of Paper Publications Internal/National: 44 Papers**

### **LIST OF PUBLICATIONS**

1. Dr.S.Niraimathi, “Design and Implementation of an IoT-Based Weather Monitoring System Using ESP32 and Blynk”, Indian Journal of Natural Sciences”, IJONS – Issue 96 – June 2026
2. Dr. S Niraimathi, “IoT based fire department alerting system” , International Journal of Multidisciplinary Research and Development, Indexed Journal, Refereed Journal, Peer Reviewed Journal Online ISSN: 2349-4182, Volume Issue Year : 13 : 2 : 2026 Page Number : 228-231 Reference No : 13231 Published Date : 17-4-2026 Impact Factor. : RJIF-8
3. Dr. S Niraimathi, “Smart Trash Bin with Autonomous Navigation and IoT Monitoring” , International Journal of Versatile Research and Analysis, Volume 4 Issue 5, May-2026, 12-05-2026, Impact Factor: 9.12 by Google Scholar
4. Dr.S.Niraimathi, “AI-Powered Elderly Fall Detection”, International Journal of Creative and Open Research in Engineering and Management ISSN: 3108-1754 (Online) Volume 02 Issue 04 April-2026, Impact Factor: 3.5
5. Dr.S.Niraimathi, “IOT BASED SMART GAS LEAKAGE DETECTION SYSTEM WITH AUTOMATED SAFETY RESPONSE, International Journal of Versatile Research and Analysis, Volume 4 Issue 4, April-2026, 16-04-2026, Impact Factor: 9.12 by Google Scholar
6. Dr.S.Niraimathi “Deep Learning Enhanced Real-Time Air Quality Monitoring Using ESP8266”, International Journal of Versatile Research and Analysis, Volume 4 Issue 4, April-2026, Impact Factor: 9.12 by Google Scholar
7. “Smart Temperature and Humidity Monitoring with LSTM and Automation” International Journal of Versatile Research and Analysis , Volume 4 Issue 4, April-2026, 30-04-2026, Impact Factor: 9.12 by Google Scholar
8. Dr.S.Niraimathi, “A Novel Fuzzy Rule Based Design Interface to Counteract Headlamp Glare Uncertainties Exhibited by Vehicles”, International Journal of Applied Engineering Research (IJAER), Volume 10, Number 44(2015) Special Issues, pp.31518-31526.
9. R.Sharanya, Dr.S.Niraimathi, “Machine Learning Algorithms for Enhanced Bipolar Disease identification based on EEG Signal and its Analytics, ISBN. No. 978-81-973029-8-5, July 2024
10. R.Sharanya, Dr.S.Niraimathi, “A Transfer Learning approach for Bipolar Disease Detection”, International Journal of Intelligent System & Applications in Engineering, Vol.12 No. 21S(2024), PP.1622-1635, Scopus Indexed,ISSN.NO.2147-6799
11. R.Sharanya, Dr.S.Niraimathi, “Bipolar Disorder Diagnosis With Recurrent Neural Networks Using Probability Density Function”, A Journal for New Zealand Herpetology, Vol 12 Issue 02, WEB OF SCIENCE INDEX, May-2023

12. A Book has been published by Dr.S.Niraimathi on Machine Learning Algorithms for enhanced Bipolar disease identification based on EEG Signal and it's Analytics during the month of July
13. R.Sharanya, Dr.S.Niraimathi, "A Novel Approach For Bipolar Disorder Prediction Using Pso-Gkfc Hybrid Clustering And Weighted Feature Selection", journal European chemical bulletin special issue publication, VOL 12 Special Issue 4, SCOPUS INDEXED, May 2023
14. R.Sharanya, Dr.S.Niraimathi, "Bd-Mdl: Bipolar Disorder Detection Using Machine Learning And Deep Learning", Journal of Pharmaceutical Negative Result, Vol 13, Issue 7, SCOPUS INDEXED, 21 Dec 2022
15. R.Sharanya, Dr.S.Niraimathi, A Review On Detection And Prediction Of Bipolar Disorder Using Deep Learning, Indian journal of Natural Science, Vol.13 ,Issue 75, UCG CAREE INDEXED, Dec 2022
16. R.Vidhu, Dr.S.Niraimathi, "A Modern Way to Analyse and Classify Natural Vegetation Species Using Deep Neural Approaches" BioGecko, A journal for New-Zealand Herpetology , Vol.12 Issue No.03 Page No. 911 to 918, May 2023 ISSN No:2230-5807.Edition.
17. R.Vidhu, Dr.S.Niraimathi, "A Fully Connected Deep Neural Network Model for Dynamic Natural Vegetation Environment" European Chemical Bulletin, Vol12, Issue-1, 2023, ISSN 2063-5346, doi:10.31838/ecb/2023.12.1.087 Edition.
18. R.Vidhu, Dr.S.Niraimathi, "Design of Deep Network Model for Vegetation Monitoring and Classification using Learning Approaches", Journal of Fundamental and Comparative Research, Volume:VIII, No.1(XXII):2022, ISSN:2277-7067
19. R.Vidhu, Dr.S.Niraimathi, "Constructing an efficient Classifier Model for Natural Vegetation Using Regional Convolutional Neural Networks", INTJ Life SciPharma Res, ISSN : 2250-0480:SP-20;"Research Opportunities of Computing in Life Science",March 2022.
20. Mrs.R. Vidhu, Dr.S.Niraimathi, An Intelligent And Optimal Resource Allocation Approach In Sensor Networks For Smart Vegetation-IoT, International Journal of Advance and Innovative Research Volume 8, Issue 3 (IV) July - September 2021 Part - 1 95 ISSN 2394 – 7780
21. Mrs.R. Vidhu, Dr.S.Niraimathi, Survey on Natural Vegetation using Data Mining Algorithms and IoT Techniques, Zeichen Journal , Volume 6,Issue 11,November 2020. (UGC Care group II Journal)
22. A.LindaSherin, Dr.S.Niraimathi, Improving the Precision of Missing Data Imputation Naïve Bayesian Classifier, International Journal of Creative Research Thoughts – IJCRT, UGC Journal, ISSN 2320- 2882, Impact factor 5.97.
23. A.LindaSherin, Dr.S.Niraimathi, Missing Data Imputation Using Bayesian Classifier, International Journal of Engineering Research in Computer Science and Engineering – IJERCSE Volume 7, Issue IV, July 2018, ISSN 2321-9939, Impact Factor 4.890.
24. A.LindaSherin, Dr.S.Niraimathi, Transmogrified Imputation Algorithm for Clustering Data in Missing Data Imputation, International Journal for Research in Applied Science and Engineering Technology (IJRASET), Volume 7 Issue III, Mar 2019, ISSN: 2321-9653, Impact Factor 6.887.

25. A.LindaSherin, Dr.S.Niraimathi, Improving the Precision of Missing Data Imputation Naïve Bayesian Classifier, International journal of basic and applied research, September 2018 Volume 8 Number 9, ISSN 2249-3352 (P) 2278-0505, Impact Factor 5.86
26. A.LindaSherin, Dr.S.Niraimathi, Transmogrified Imputation Algorithm for Clustering Data in Missing Data Multiple Imputation, International Journal for Research in Applied Science and Engineering Technology (IJRASET); Volume 7 Issue III, Mar 2019, ISSN: 2321-9653 pp 2108- 2112, Impact Factor 6.887
27. A.LindaSherin, Dr.S.Niraimathi Missing Data Imputation Using Bayesian Classifier, International Journal of Scientific Research in Computer Science Applications and Management Studies Volume 7, Issue 4 (July 2018) IJSRCSAMS, ISSN 2319 – 1953, Impact Factor 0.654
28. A.LindaSherin, Dr.S.Niraimathi, An Efficient Imputation approach on Scanty Data Using Bernoulli scheme based Markov Classifier, IJRASET, and International Journal for Research in Applied Science and Engineering Technology UGC Approved Journal Volume 7, Issue V, May 2019, ISSN 2321-9653, Impact Factor 6.887.
29. Dr.S.Niraimathi, M.Ramaraj “Application of Color based image segmentation paradigm on RGB Color pixels using Fuzzy C-Means and K-Means Algorithm”, International Journal of Computer Science and Mobile Computing, ISSN 2320-088X, Volume 6, Issue 6, June 2017.
30. Dr.S.Niraimathi, M.Ramaraj, “Color Based Image segmentation using Classification of KNN with Contour Analysis Method”, International Research Journal of Engineering and Technology, ISSN 2395-0072, e-ISSN 2395-0056, Volume 3, Issue 10, October 2016.
31. Dr.S.Niraimathi, S.Logapriya, “Data storage in Cloud Computing”, International Journal of Scientific Research in Science, Engineering and Technology, ISSN 2395-1990, online ISSN 2394-4099, Volume 2 Issue 2, March 2016.
32. Mrs. S. Niraimathi, A.Vanitha, "Study On Decision Tree Competent Data Classification" in International Journal of Computer Science and Mobile Computing, Vol 2, Issue 7, July 2013.
33. Mrs.Niraimathi.S, K.UmaMaheswari, "A Study on Student Data Analysis Using Data Mining Techniques", IJARCSSE, Vol 3, Issue 8, 2013, ISSN 2277 128x.
34. Mrs. Niraimathi.S, K. Uma Maheswari, "A Study on Semantic Similarity of Gene Ontology Using Clustering", IJARCCE, Vol.2, issue9, September 2013, ISSN 2278-1021.
35. Mrs. Niraimathi.S, A.Vanitha, "Conversion of Imbalanced Data into a Stream Using SMOTE algorithm", IJARCCE, Vol.2, issue9, September 2013, ISSN 2278-1021.
36. M.Ramaraj.,Dr.S.Niraimathi., “An Analysis Of K Means Clustering Algorithm Image Segmentation With IQI” IJSRD, Volume 04, Issue 09, Nov 2016.
37. M.Ramaraj.,Dr.S.Niraimathi., “Grouping of Color Pixel Based Image Segmentation using on Clustering Techniques” IJEECSE, Vol-4, Issue-6, December 2017. (UGC referred journal).
38. M.Ramaraj.,Dr.S.Niraimathi., “Color Pixel Based Image Classification and Clustering Using Fuzzy Method” International Journal for Research in Engineering Application & Management (IJREAM) ISSN: 2454-9150 Vol-04, Issue-04, July 2018. (UGC referred journal).

39. M.Ramaraj.,Dr.S.Niraimathi., “Color Pixel Based Image Segmentation Using Enhanced Data Clustering Algorithms Applying On Tiger Image Dataset” International Journal Of Advance And Innovative Research. ISSN: 2394-7780.Volume 5, Issue 3 (VII): July - September, 2018. UGC approved journals.
40. M.Ramaraj.,Dr.S.Niraimathi., “Comparative Analysis of Proposed Methods for Analyzing Color Pixel based Image Segmentation Using Tiger Image Dataset”. International Journal of Research. ISSN: 2236-6124. Volume 7, Issue IX, September/2018. UGC approved journals.
41. M.Ramaraj.,Dr.S.Niraimathi., “Design and Implementations of Color Pixel Based Image Segmentation Using Enhanced Data Clustering Algorithms to Applying on Tiger Image Dataset” International Journal of Pure and Applied Mathematics. Volume 119 No. 18 September 2018, 2719-2739. ISSN: 1314-3395. UGC approved journals.
42. M.Ramaraj., Dr.S.Niraimathi., “Enhanced Image Segmentation to Infer the Age of the Tiger Using Fuzzy Modified K-Means Clustering Algorithm (FMKMCA)” International Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS), Volume 10, Issue 2, 2019, 198-214, ISSN: 0975-8585.
43. Mrs. Niraimathi.S, Arthanariee A.M, M.Sivakumar, “A Fuzzy Approach to Prevent Headlight Glare”- IJCSIS - International Journal of Computer Science and Information Security, Vol. 9, No. 2 , February 2011, USA, ISSN 1947-5500.
44. Mrs. Niraimathi.S, Arthanariee A.M, M.Sivakumar, “a Software and a Hardware Interface for Reducing the Intensity Uncertainties Emitted by Vehicular headlight on highways” – IJITCE - International Journal of Innovative Technology and Creative Engineering, Vol. 1, No.11, November 2011, UK, ISSN 2045-8711.

## Resource Person

1. Acted as a resource person in an International webinar on " Scientific Storytelling: weaving narratives for research impact", in a session on “Research Writing in the domain of Artificial Intelligence”, Organized by the Department of Biochemistry and Bioinformatics, Dr.MGR Janaki college of Arts and science for women, Chennai.
2. Served as Resource person for a Session on Adaptive Tools – AI tools for Teachers, organized by NGM College, Pollachi from 7.8.2023 to 17.8.2023
3. Appointed as a VC’s Nominee by the Bharathiar University for 3 Research scholars of Bishop Appasamy College for series of DC Meets until the scholars complete the Ph.D course
4. Appointed as Member of Board of Studies for the Department of Computer Technology, PSG College of Arts & Science, Coimbatore for the Period from 2022 to 2026
5. Acted as Resource Person for a Virtual Six Days Student Development Program for the Students of Department of Computer Science ,CBM College, Coimbatore and delivered a Special Talk on "Recent Trends in IT" on 28-1-2023

6. Acted as a Resource Person for the Tech Talk Series on “ A Sneak Peak into Artificial Intelligence and it’s Use Cases on 12.12.2022 organised by the Department of Computer Science, KPR College of Arts, Science & Research, Coimbatore
7. Acted as Resource person for a FDP on AI tools for Teachers conducted by the Department of Computer Science and PG Dept of Botany, NGM College Pollachi.
8. Acted as a Resource Person for a Webinar on “Milestones and Promising Domains in Research”, at Bishop Appasamy College of Arts and Science, Coimbatore on 11/10/2021
9. Acted as an External Auditor for an Academic Audit at Bishop Appasamy College of Arts and Science, Coimbatore on 24/09/2021
10. Acted as a Resource Person for a FDP on “IOT Technology Stack – Behind the Scenes of IOT”, KPR College, Coimbatore from 09/06/2020 to 10/06/2020
11. Appointed as the Subject Expert for the Board of Studies by Rathinam College of Arts and Science, Coimbatore
12. Appointed as Member of the QP Scrutiny Committee at Nehru Arts and Science College, Coimbatore
13. Serving as QP Setter for the Vellalar College for Women, Madurai Thiyagaraja College and the Erode Arts college
14. Appointed as a Subject Expert by the KAHE for 2 Research scholars for the series of DC Meets until the completion of the Ph.D course
15. Acted as an External Examiner for a Ph.D Vivavoce held at Periar University

### **Refresher Courses**

1. Attended an inter-disciplinary Two- Week Refresher Course on “Managing Online Classes & Co-creating MOOCS 8.0” from 04/09/2021 to 18/09/2021 conducted by TLC, Ramanujan College, University of Delhi and Ministry of Education
2. Attended an inter-disciplinary Two- Week Refresher Course on “Computer Science” from 02/05/2022 to 16/05/2022 conducted by TLC, Ramanujan College, Under the Aegis of Ministry of Education

### **Short Term Training Programmes**

1. Attended a Short term course on Software Conceptual Design organized by NPTEL – an Online Certification Programme from AUG-SEP 2023
2. Attended a Short Term Training Programme on IOT from 10/04/2020 to 14/04/2020 organised by AICTE, NITTTR, Chandigarh with Ministry of Human Resource Development, Govt. of India
3. Attended a Short Term Training Programme on Neural Networks and Convolution Neural Networks from 11/05/2020 to 15/05/2020 organised by NITTTR, Chandigarh with Ministry of Human Resource Development, Govt. of India
4. Attended a one week Short Term Training Programme on Cyber Security organized by CBIT, MGIT in association with Supraja Technologies from 07/07/2020 to 12/07/2020

5. Online National Workshop on Multivariate Analysis & Graphics (ggplot2) with “R” Software (June 14 – 18, 2021) Organized By Science Tech Institute, Lucknow

## **Papers Presented in Conferences**

1. Presented a Paper on “Deep Learning Approaches to Classify Natural Vegetation Species”, in a Two day National Conference on Deep Learning & Computer interaction for Sustainability organized by the Department of Computer Applications, NGM College, Pollachi on 10<sup>th</sup> & 11<sup>th</sup> of January 2024
2. Presented a Paper on “Bipolar Disease Prediction using CASWIDE RESNET”, in a Two day National Conference on Deep Learning & Computer interaction for Sustainability organized by the Department of Computer Applications, NGM College, Pollachi on 10<sup>th</sup> & 11<sup>th</sup> of January 2024
3. Presented a Paper on “Survey On Natural Vegetation Using Data Mining Algorithms And IoT Techniques” at Virtual International Conference On Advances In IoT ,High Performance And Edge Computing, ICT Academy, 14-18 October 2020
4. Presented a Paper on “Techniques, Challenges And Applications of IoT In Various Fields”, at AICTE Sponsored Two Days National Level E-Conference On Machine Learning As A Service For Industries. MLSI 2020, CMR Institute Of Technology, Bangalore, 4th&5th September 2020
5. Presented a Paper on “Normalized Difference Vegetation Index(NDVI) Using Convolutional Network”, International Conference on “Smart Innovative Technologies on Data Analytics” (ICSITDA’23), at AyyaNadarJanakiAmmal College, Sivakasi on 26th May, 2023
6. Presented a Paper on “IoT For Industry 4.0” at Second International Multidisciplinary Conference On Information Science, Management Resources And Social Studies, Alpha Arts And Science College, Chennai, 19 March 2021
7. Presented a Paper on “A Data-Driven Method For Bipolar Disorder Diagnosis: Leveraging Machine Learning And Deep Learning”, International Conference on “Smart Innovative Technologies on Data Analytics” (ICSITDA’23), at AyyaNadarJanakiAmmal College, Sivakasi on 26th May, 2023
8. Presented a Paper on “Early Bipolar Disorder Prediction Using Hybrid Neural Networks” at International conference On “Innovative Technologies and its Applications”-ICITA 23, Dr.R.V.Arts and Science College, Karamadai,Coimbatore on 21-Mar-23
9. Presented a paper on “A Review On Detection And Prediction Of Bipolar Disorder Using Deep Learning”, at an International conference On Contemporary progress in engineering & technology( ICCPET-22) on 25<sup>th</sup> of June 2022
10. Presented a paper on “Preserving Natural Vegetation using Convolutional Neural Networks”,International Conference on Interdisciplinary Research Innovations in Science and Technology”, Nehru Arts and Science College, Coimbatore on 10/05/2022



11. Presented a Paper on “ An Intelligent and Optimal Resource Allocation Approach in Sensor Networks for Smart Vegetation-IOT”, International Conference on Current Trends in Multidisciplinary Research, organized by Indian Academicians and Researchers Association on 01/08/2021
12. Presented a paper on “IoT For Industry 4.0”, at Second International Multidisciplinary Conference on Information Science, Management Resources and Social Studies held by Alpha Arts and Science College, Chennai on 19 March 2021
13. Presented a paper on” Survey on Natural Vegetation using Data Mining Algorithms and IoT Techniques”, Virtual International Conference on Advances in IoT ,High Performance and Edge Computing organized by ICT Academy on 14-18 October 2020
14. Presented a Paper on “Techniques, Challenges and Applications of IoT in Various Fields”, at an AICTE sponsored two days National Level E-Conference on Machine Learning as a Service for Industries –MLSI 2020 organized by CMR Institute of Technology, Bangalore on 4th&5th September 2020
15. Presented a Paper, “A Preview of Natural Vegetation and Pedo -diversity in India Estimated Using Data Mining Techniques” for theNational Conference on Emerging Technologies-Robotics and IoT at Karpagam Academy of Higher Education, Coimbatore on 28 February 2020

### **Workshops/Seminars/Conferences/FDP's Attended**

1. Attended a Industry-Driven Workshop on Accelerating Edge AI:From Concept to Deployment with Jetson Nano, held from December 3<sup>rd</sup> to 5<sup>th</sup>, 2024 at the Deep Learning Lab at KCET, Coimbatore.
2. Attended a Seven days FDP on Quality Education for Nation Building organized by SIIMS, Pollachi on 31.7.2023 to 8.8.2023
3. Attended the Five Days Online FDP on ‘Emerging Trends in Data Analytics and Machine Learning’ from 18th Sep 2023 to 22nd Sep 2023 at Karunya university Coimbatore
4. Attended a One Day National Level Virtual Conference on Artificial Intelligence in Science, Technology and Commerce on 18/08/2023 organized by IOT Academy Using the Google Meet link: <https://meet.google.com/ebg-jujr-txv>
5. Attended a 2 day National Level Workshop on “Implementation of Outcome based Education: Opportunities and Challenges – Learning Outcome based Curriculum Framework” organized by the IQAC,NGM College, Pollachi on 20.03.2023 &21.03.2023
6. Attended a 2 day National Level Seminar on “Blended mode of Learning for Teachers Community” organized by the department of Commerce with BPS funded by ICSSR on 30.01.2023 & 31.01.2023
7. Attended five Days Faculty Development Programme on “Impact of Artificial Intelligence” held from 07.11.2022 to 11.11.2022 organized by Department of Computer Science in association with NovieTech R & D Pvt Ltd., Coimbatore.
8. Attended a Professional Training Programme on " Annuity Products of LIC " organized by Department of Commerce - Banking and Insurance, Nallamuthu Gounder Mahalingam College , Pollachi on 15th November 2022 .

9. Two days National Level Workshop sponsored by CSIR on Artificial Intelligence & Machine Learning on 23&24 January 2020 at Jansons Institute Of Technology, Coimbatore.
10. Attended a National level workshop on “Big Data Analytics” held on 9<sup>th</sup> and 10<sup>th</sup> of March 2017, jointly organized by the Department Of Computer Technology and Information Technology, NGM College, Pollachi.
11. Attended a National Level Workshop on “Software Testing and Quality Assurance” on 23<sup>rd</sup> January, 2010, organized by KG College of Arts and Science and KG Information Systems Pvt. Ltd., Coimbatore
12. Attended a Workshop on “PHP and MySQL” held on 30<sup>th</sup> and 31<sup>st</sup> of January 2012, organized by the Department Of Computer Technology, NGM College, Pollachi.
13. Attended a National Level Workshop on “SPSS: Advanced Tools for Data Analysis” held on 29<sup>th</sup> and 30<sup>th</sup> September 2011, hosted by Nehru Arts and Science College, Coimbatore.
14. Attended a National Level Workshop on “Recent Trends in Topology” held on 28th January 2011, organized by Department of Mathematics, Coimbatore Institute of Technology, Coimbatore.
15. Participated in a two days skill based training program on “J2EE and Best Practices in Application Development”, organized by ICT Academy of Tamil Nadu in association with Cognizant Technology Solutions and Tata Consultancy Services held on 16<sup>th</sup> and 17<sup>th</sup> of September 2009 at Bharathiar University, Coimbatore.
16. Attended a Workshop on “MATLAB - A Tool for Research” on 5<sup>th</sup> of September 2009, organized by School of Information Technology and Science, Dr. G. R. Damodaran College of Science, Coimbatore.
17. Participated in a Workshop on “Open Source Tools and Data Mining Research” held on 8<sup>th</sup> of August 2009, organized by Department of Computer Science, Dr. N.G.P Arts and Science College, Coimbatore.
18. Attended a UGC Sponsored National Seminar on “Perspectives of Indian Tourism Industry” held on 24<sup>th</sup> and 25<sup>th</sup> January 2007 organised by Department of History, NGM College, Pollachi.
19. Attended a National Seminar on “Network and Information Security” held on 8<sup>th</sup> of January 2007 organized by G.R.Govindarajulu School of Applied Computer Technology, PSGR Krishnammal College for Women, Coimbatore.
20. Attended a Seminar on “Course Redesign Through Blended Learning”, held on 20<sup>th</sup> February 2008, hosted by Department of Computer Science and Engineering and Information Technology, Dr. Mahalingam College of Engineering and Technology, Pollachi in Collaboration with the University of Manitoba, Winnipeg, Canada.
21. Participated in the Faculty Development programme, “Towards Better Teaching” jointly organized by the Department of Commerce with Computer Applications, NGM College, Pollachi and UGC-Academic Staff College, Bharathiar University, Coimbatore on 30<sup>th</sup> of September 2006 at NGM College, Pollachi.

22. Attended a National Seminar on “Multimedia Technologies”, held on 24<sup>th</sup> of January 2006, jointly organized by Apple Computer India (P) Ltd., and the Department of Computer Science and Engineering and Information Technology, Dr. Mahalingam College of Engineering and Technology, Pollachi.
23. Participated in the Faculty Improvement Programme on, “Classroom Climate” jointly organized by the Department of Commerce with Computer Applications, NGM College, Pollachi and UGC-Academic Staff College, Bharathiar University, Coimbatore on 2<sup>nd</sup> of April 2005 at NGM College, Pollachi.
24. Participated in the AICTE Sponsored National Seminar on “Recent Trends in Global Networking” held on 14<sup>th</sup> February 2004, organized by SreeSaraswathiThyagaraja College, Pollachi.
25. Attended the UGC Sponsored National Conference on “Advanced Computer Applications” held on 11<sup>th</sup> and 12<sup>th</sup> of October 2002, organized by Department of Computer Science, NGM College, Pollachi.

**\*Attended more than 65 Online FDP’s/Webinars during the COVID Period**

## **Seminar/Webinar**

### **International/National**

1. Attended a International Webinar on COVID impacts on Technology april 29,2020 at Computer science dept,NGM college speaker Mr.AnbuGanapathi senior vice president CTS,USA -4.30pm(zoom)
2. Attended a International Webinar ‘Real World of IT’ BCA dept NGMC on 02/05/2020
3. Attended a International Webinar on Lead with Emotional Intelligence during COVID-19 organized by Department of Computer Science (SF), NGM College, Pollachi on 09/05/2020
4. Attended a International Webinar on Health is Wealth organized by English dept (SF) NGM College pollachi 23/05/2020
5. Attended a International Webinar on Blockchain Network in IOT Applications organized by AyyanadarJanakiAmmal College, Sivakasi on 04/06/2020(Meet)
6. Attended a International webinar on Impact on COVID 19 on IT organized by Dr.SNS College of Arts and Science college Coimbatore 24.06.2020.(Meet)
7. Attended a International webinar on Recent Technologies in Computing organized by Dept of CS Bharathiar University Coimbatore August 7-8,2020 (Meet)
8. Attended a Four days webinar ‘An effective Research paper writing Skills’ April 13 to 16,2020 BhagwanMahavir University, Surat, Gujarat(FB Live)
9. Attended a Two Day Webinar on BlockChain&Ethereum ,SNMV College Coimbatore Apr 24-25,2020 Google Meet 4-5pm(Meet)
10. Attended a Webinar on Art of Achieving Teaching Excellence in Digital Era Organized by SIIMS Pollachi 04/05/2020
11. Attended a Webinar on Use of Elsevier tools in research workflow organized by university of madras 05/05/2020 11.00 thru Zoom

12. Attended a Webinar on Industry 4.0: The New Normal organized by Edspire Co-ordinator VET Institute of Arts and Science, Erode on 1/05/2020(meet)
13. Attended a Webinar on Online Teaching and Learning organized by GTN ARTS COLLEGE May 9, 2020 12:30 PM India Zoom
14. Attended a Webinar on Impact of Covid on Economy and Management of Finances during this period organized by Shri ShankarlalSundarbaishasun Jain college for women on 04/05/2020 5-6pm(zoom)
15. Attended a Webinar on Enhance your coding skills through Python organized by Sarada College for Women and Aaron Technologies on may 8,2020 11.00 am thru (Free conference call)
16. Attended a GAD-TLC of MHRD webinar on Towards Excellence in Higher Education in India April 29,2020: 3.00-5.30pm
17. Attended a Webinar on Data mining Techniques –current scenario organized by Ramu College of Arts and Science Pollachi on 26/05/2020 11-12 pm (Meet)
18. Attended a Webinar on Emerging Technologies organized by Ramu College of Arts and Science Pollachi on 27/05/2020 11-12 pm (Meet)
19. Attended a Webinar on Emotional Intelligence organized by G.T.N College Dindigul on 26.05.2020 (Meet)
20. Attended a Webinar Industry 4.0 Technologies organized by SNS College Coimbatore on 03.06.2020(Zoom)
21. Attended a Webinar on Urban community gardening the new social green projects organized by ST.Joseph's College for women Tirupur on 27.05.2020(Zoom)
22. Attended a Webinar on Industry 4.0 Technology organized by IQAC Dr.SNS College of Arts and Science college Coimbatore 03.06.2020.(Meet)
23. Attended a Webinar on Angular 8.0 organized by The New College Chennai on 13.06.2020.(Meet)
24. Attended a webinar on covid 19 impact on education sector may 25,2020
25. Attended a Webinar on Software Development Life cycle organized by P G Department of Computer science Sri Vinayaga College of arts and science college Ulundurpet on 20.6.2020
26. Attended a webinar," Machine Learning Techniques for Image Processing Approaches", organized by the Department of Computer Science, Mother Teresa Women's University on 19/06/2020 to 20/06/2020,
27. Attended a webinar on " Research Paper To Patent Filing – A Road Map organized by Department of Computer Science, Vels Institute of Science, Technology and Advanced Studies, Pallavaram, Chennai on 25/06/2020.
28. Attended a Webinar, "Collaborative Learning Strategies And PracticesOrganized by School of Computing - PG, Sri Ramakrishna College of Arts and Science, Coimbatore ", on 25/06/2020.
29. Attended a Webinar, "System and Procedures for NAAC Assessment" organized by the IQAC, NGM College, Pollachi on 26/06/2020.
30. Attended a webinar, "Institute to Industry - Transition", organized by Placement Cell & Internal Quality Assurance Cell (IQAC), St. Joseph's College (Arts & Science), Kovur, Chennai on 25.06.2020.

31. Attended a National Level Webinar, "BlockChain Technology" organized by Department of Computer Science, Queen Mary's College, Chennai on 29-06-2020.
32. Attended the Webinar on CLOUD COMPUTING AND ITS CHALLENGES organized by Loyola College of Arts & Science, Mettala on 02/07/2020
33. Attended the Webinar on NLP with spaCy in python and tamil text Analytics Using python organized by Loyola College of Arts & Science, Mettala on 03/07/2020 and 04.07.2020
34. Attended the Webinar on Industrial Applications of Machine Learning and Data Science organized by Capztone innovative Solution on 03.07.2020.
35. Attended the Webinar on Digital landscape organized by Edspire Co-ordinator VET Institute of Arts and Science, Erode on 04.07.2020.
36. Attended the Webinar on Digital Trends driving Industry 4.0 organized by Team Gyanamite 04.07.2020.
37. Attended the webinar returning challenges in IOT organized by SRM college Chennai 5.7.2020
38. Attended the Webinar on skills development organized by IQAC NGM college pollachi on 6.07.2020
39. Attended the Webinar on Full stack web development Technologies –An Overview organized by Francis Xavier Engineering college in association with cyber society of india chapter Vannarpettai, Tirunelveli. On 10.07.2020
40. Attended a Webinar on Corporate ethics organized by SreeNarayana Guru College Coimbatore on 12.07.2020
41. Attended the Webinar on Quantum Computing and its applications organized by Francis Xavier engineering college Tirunelveni 13.07.2020
42. Attended the Webinar on Data cleaning using Python organized by Government arts college Coimbatore on 14.07.2020
43. Attended the Webinar on Industry expectations from engineers-An international scenario organized by Francis Xavier engineering college Tirunelveni 14.07.2020
44. Attended the Webinar on virtual teaching and learning opportunities and challenges organized by KIIT Gurugram on 15/07/2020
45. Attended the Webinar on steps to Entrepreneurship organized by Computer science SF NGM College pollachi 25/07/2020(Meet)
46. Attended the Webinar on Cyber awareness organized by New prince Sri Bhavani Arts and science college Chennai 15/07/2020
47. Attended the Webinar on Business opportunities in Solid waste Management organized by SIIMS Pollachi.(Google Meet) 01.08.2020.
48. National Webinar on "ICT Enabled Pedagogy", organized by IQAC - Government College of Education, Pudukkottai on 06 August 2020 (Youtube Live).
49. Attended the Webinar on Introduction to Data Visualization and its Tools on organized by Department of Computer Science (Aided), NGM College, Pollachi 03.08.2020 (Microsoft Team).

50. One week online workshop on Refining customer experience with augmented reality and Virtual reality organized by P.E.V College of engineering mandya Karnataka August 17-21,2020
51. Attended a National webinar on Coronavirus cure and Prevention in Siddha organized by Dept of History NGM College Pollachi on 29.08.2020.
52. Short term program recent trends in IT organized by BCA NGM College Pollachi from sep 4-10,2021
53. Attended International webinar on cyber security in middle east organized by CS Dept (SF) dept NGM College Pollachi on Sep 3,2021
54. Attended a National level webinar on Research Innovation and Ranking organized by IQAC Dr.SNSRajalakshmi college of arts and science Coimbatore 08.09.2021

## **Workshop**

### **National**

1. Attended a Two days Online workshop on Basics of Research, writing Research papers, Academic research report writing, tools for research – Research cell Sankara college of science and commerce (9.4.20.20 to 10.4.2020)
2. Attended a National level e-workshop, “Administering Google forms and its add-ons for online academic programmes” organized by Central library, M.V.Muthiah Government Arts College for Women, Dindigul on 29/06/2020.
3. Attended a National level e-workshop, “Administering Google forms and its add-ons for online academic programmes” organized by Central library, M.V.Muthiah Government Arts College for Women, Dindigul on 29/06/2020.

## **Symposium**

### **State Level**

4. Attended a One Day E-Symposium on Trends in Computing organized by Christ ACM student chapter dept of computer science on 17.06.2020(Meet)

## **Faculty Development Programme**

### **International**

1. Attended a International FDP on Develop the ability to write Research organized by AIMIT Bangalore on 24/04/2020
2. Four day INTERNATIONAL FDP ON “CURRENT TECHNOLOGIES IN IT INDUSTRIES” organized by Computer science dept& ISO NGM College Pollachi, May 14-18 ,2020(Microsoft team)
3. Attended a Online Six days International FDP on Enhance your IT skills during quarantine organized by BISHOP APPASAMY COLLEGE Coimbatore to be held from 18th May 2020 to 23rd May 2020.(Meet)
4. Attended a 7 Days International Level FDP on Strategis Roadmap Towards Industry 4.0 organized by Computer science (SF) ,NGM College Pollachi from June 1-7 , 2020.(Meet)

5. Seven days international FDP on Artificial intelligence and machine learning organized by school of computer science PPG college coimbatore June 28 to July 5, 2021
6. Seven days international FDP on Research perspectives on new age technologies organized by CS(SF) NGM college Pollachi from August 3-10, 2021

## National

1. Attended a FDP on Software conceptual design organized by NPTEL & AICTE, July 2023 - August 2023
2. Attended a FDP on AI Tools for Teachers, organized by NGM College, Pollachi from 7.8.2023 to 17.8.2023
3. Attended a 7 days FDP organized by the SIIMS Business school on "Quality Education for Nation Building" from 31.07.2023 to 08.08.2023
4. Attended a Six Day FDP Organized by Spoken tutorial IIT Bombay from 19 to 24 April 2020 remotely at Sri Krishna Arts and science, Coimbatore Certificate of Completion of R test organized – Sri Krishna arts and science with course material provided by the spoken tutorial project IIT Bombay Exam 25.04.2020)
5. Attended a Three days Online FDP "Leader – A Real role model" – BBA Department NGM College, April 16 to 18, 2020 (zoom)
6. Attended a FDP on Reengineering Higher Education : A Seamless knowledge management system for the university, SGTP Khalsa College under PMMNMTT of MHRT April 22, 2020
7. Attended a Three Day FDP on Recent trends in AI and Impact on teaching Professional, April 22-24, 2020 exam on 24/4/2020 Rathinam college of arts and science Coimbatore
8. Attended a Three Days FDP on Emotional Intelligence at KG College Coimbatore 28.04.2020, 30.04.2020 & 02.05.2020 (Meet)
9. Attended a FDP on Data analysis & visualization of COVID-19 dataset using python organized by department of CS Jerusalem college of engineering Chennai in association with computational intelligence research foundation, Chennai on 07/05/2020
10. Attended a **One week Online FDP** on Python through MOOCs-Spoken tutorial project IIT Bombay remotely Vellalar college Erode, April 23-29, 2020
11. Attended a **Online FDP** on Encountering challenges in Research Hindustan college of Arts and science Coimbatore on 07/05/2020
12. Attended a **FDP** - National Webinar (Live Interactions) organized by IQAC under UGC PARAMARSH Scheme on "E-Learning and MOOCs in Higher Education and New Roles of Teachers" on Monday, 18th May 2020 presented by Dr. Vimal Rarh, Project Head and Joint Director, GAD TLC of MHRD, Coordinator Organized by GVG College Udumalpet 18/05/2020 (zoom)
13. Attended a **FDP** on "Data Science - Research Opportunities" organized by Sri Ramakrishna College of Arts and Science Coimbatore on 21.05.2020 3-4pm (Meet)
14. Attended a **Three Day Faculty Development Programme** on the topic "Research Prospects and promises of Deep Learning in problem solving" by Dr. P. Shanmugavadivu, Professor, Department of Computer Science and Applications, Gandhigram Rural Institute – Deemed

- University for May 19-21 2020 at 11AM to 12PM organized by MCA Dept NGM College Pollachi.(Facebook live)
15. Attended a **3 Days FDP** on IT CLOUD ERP organized by BSc (IT) Dept NGM College Pollachi.(Webex) from 20/5/2020 to 22/05/2020.
  16. Attended a **7 Days FDP** on Innovation in information Technology post COVID19 May 21-27 ,2020 organized by BCA Dept NGM college Pollachi.(zoho)
  17. Attended a **7 Days National Level FDP** on Data Sciences organized by Computer science (SF) ,NGM College Pollachi from May 18-24 , 2020.(zoom)
  18. Attended a **Online FDP** on Machine learning –The Next Generation aspects organized by SNS College Coimbatore on 04.06.2020(Meet)
  19. Attended a **FDP** on Blended Learning in our new RAPID RESPONSE REALITY organized by SNS College Coimbatore on 21.05.2020(Meet)
  20. Attended a **FDP** on Ethical conscience for a New Business Take organized by VET Institute of Arts and Science Erode on 6.6.2020(Meet)
  21. Attended a **Two days FDP** on IoT Technology stack- Behind the scenes of IoT organized by KPR college Coimbatore from 9.6.2020 – 10.06.2020(Zoom)
  22. Attended a **National level online FDP** on Python programming organized by Dept of computer science Government college for Women Kolar Karnataka in Association with Spoken tutorial IIT Bombay held from 5.6.2020 to 11.06.2020
  23. Attended a **FDP** on Python through Spoken tutorial Organized by ICT-e-LRC of Vellalar college for women from to April 23-26,2020
  24. Attended a **FDP** on Learning Pedagogy on Teaching & Assessment Tools organized by SreeNarayana Guru College Coimbatore from 17-25 June 2020.
  25. **Two days FDP** on NLP in Data Science organized by St. Joseph Institute of Technology Chennai on 20-21 June 2020
  26. **FIVE days FDP** on How to face the post covid-19 scenarios organized by KPR college of Arts and science Coimbatore from July 6-10,2020
  27. Five Days **FDP** on "Recent Trends in Digital Technologies" organized by The American College, Department of Computer Science Madurai July 7-11,2020
  28. **Five Days FDP** on "Mobile app development and Artificial Intelligence with MIT app inventor“ Organized by N.M.A.M Institute of Technology NITTE Karnataka from 13.07.2020 to 17.07.2020.
  29. Attended a **online FDP** on Recent Research trends in Engineering perspective organized by Dept of CS,IT CIT Coimbatore August 12-13,2020(Meet)
  30. Six days national level FDP on data science and big data analytics organized by school of computer science PPG college coimbatore August 25-31,2021
  31. Five days national level FDP on Teaching and learning in digital era organized by school of computer science PPG College coimbatore august 16-20,2021
  32. Attended an one week FDP on Application perspectives in IOT from 20-27 sep 2021 organized by CS(SF) NGM college Pollachi
  33. Attended an FDP on Research Avenues in Machine Learning organized by IQAC & Computer Applications (UG,PG) under PARAMARSH scheme, AyyaNadarJanakiAmmal college Sivakasi from 21.09.2021 to 23.09.2021



## **Roles and responsibilities**

1. Acted as a Judge for “ International Mother Language Day” Organized by the Dept of Computer Science(Aided) on 21/02/2023
2. Acted as a Quiz Master organized by the Quiz Club of NGM College, Pollachi held on 25/03/2022
3. Member of Academic Council, NAAC, ISO & CDC, NGM College, Pollachi
4. Worked an Academic year for the introduction of the New Course, Computer Science with Artificial Intelligence and Machine Learning
5. Acted as an Organising Secretary for a Webinar on “Intellectual Property Rights” held on 22/10/2021
6. Acted as a Convenor for a Faculty Development Programme on “Cloud Applications-An Introduction” from 13/05/2020 to 15/05/2020
7. Acted as a Convenor for a Faculty Development Programme on “Selenium Frameworks”
8. Acted as a Convenor and organized a National Level Seminar on Recent Trends in Networking Arena in commemoration of the Diamond year Jubilee held on 8<sup>th</sup> of August 2017.
9. Handled All India Council for Technical Education(AICTE) Website for online processing and DOTE Operations pertaining to the extension of approval of the MCA Course
10. Member of National Institution of Ranking Framework (NIRF) and NAAC committee constituted by our College
11. Was the Convenor for National level Symposium “Visionaire” for the years 2017, 2012, 2008 etc. which happens to be the Magnum Opus of the MCA department.
12. Guided and developed an Online Registration package for HEEVE-2008, a UGC sponsored National Conference on Human Excellence through Ethics and Value Education conducted on 3<sup>rd</sup> and 4<sup>th</sup> of October 2008.

## **Personal details**

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**Religion:**Hindu

**Community:**BC

**Marital Status:**Married

I assure you that the above facts are true to the best of my knowledge.

**Signature**