ACADEMIC PROFILE

Name   :   Dr. J JESU VEDHA NAYAHI

Designation   :   Assistant Professor (Senior)

Department   :   Computer Science and Engineering

Email   :   vedhaj2000@gmail.com

Education Qualification   :

Degree	Specialization	University	Awarded Year
B.E.	Computer Science and Engineering	Madurai Kamaraj University	2001
M.E.	Computer Science and Engineering	Anna University	2004
Ph.D.	Information and Communication Engineering	Anna University	2016

Professional Experience:

Name of the Company / Institutions	Designation	Duration		Experience in Years
		From	To	
Karunya Institute of Technology, Coimbatore	Lecturer	01.11.2001	20.09.2002	11 months
Jerusalem College of Engineering, Chennai	Lecturer	13.06.2008	30.04.2009	11 months
Anna University Regional Campus Tirunelveli	Assistant Professor	31.08.2009	Till Date	14 years 9 months

Area of Specialization:

Data Mining, Data Privacy, Database Concepts, Automata Theory, Data Analytics, Big data, Machine Learning, Deep Learning.

Publications:

National/International Journals:

1. L. Josephine Usha, **J. Jesu Vedha Nayahi**, Thampiraj Rittammal, J.B, "Parallel Fuzzy C-Means Clustering Based Big Data Anonymization Using Hadoop MapReduce", Wireless Personal Communication, https://doi.org/10.1007/s11277-024-11101-7, 2024, **Impact Factor : 2.2.**

2. Suja A Alex, **J. Jesu Vedha Nayahi**, Sanaa Kadduora, "Deep convolutional neural networks with genetic algorithm-based synthetic minority over-sampling technique for improved imbalanced data classification", Applied Soft Computing, Vol. 156, 2024, **Impact Factor: 8.7.**

3. B. Akila, **J. Jesu Vedha Nayahi**, "Parkinson classification neural network with mass algorithm for processing speech signals", Neural Computing and Applications, 2024, **Impact Factor : 6.**

4. Naga Sudha C M, **Jesu Vedha Nayhai J**, "TrackChain: Hyperledger based pharmaceutical supply chain – Resource utilization perspective", Heliyon, https://doi.org/10.1016/j.heliyon.2023.e23250 , 2024, **Impact Factor : 4.4**

5. SA Alex, **J. Jesu Vedha Nayahi**, "Classification of Imbalanced Data using SMOTE and AutoEncoder based Deep Convolutional Neural Network", International Journal of Uncertainty, Fuzziness and Knowledge-based Systems, Vol. 31, No. 3, pp. 437-469, 2023. **Impact Factor: 1.518**

6. SA Alex, **J. Jesu Vedha Nayahi**, H Shine, V Gopirekha, "Deep convolutional neural network for diabetes mellitus prediction", Neural Computing and Applications,,Vol. 34, No. 2, pp. 1319-1327, 2022. **Impact Factor: 6.**

7. J Usha Lawrance, **J. Jesu Vedha Nayahi**, "Privacy Preserving Parallel Clustering Based Anonymization for Big Data Using MapReduce Framework", Applied Artificial Intelligence, pp. 1-34, 2021.**Impact Factor: 2.8**

8. Roshni, Thendiyath, **J. Jesu Vedha Nayahi,** Jha, Madan K. Nehar, Mandal, Sourav, Choudhary, Wable, Pawan S., "Clustering of Groundwater Wells and Spatial Variation of Groundwater Recharge in Sina Basin, India", Asian Journal of Water Environment and pollution, Vol. 17, No. 4, pp. 11-21, 2020. **Impact Factor. 0.5.**

9. **J. Jesu Vedha Nayahi**, V. Kavitha, "Privacy and Utility Preserving Data Clustering for Data Anonymization and Distribution on Hadoop", Future Generation Computer Systems, Vol. 74, pp. 393-408, 2016. **Impact Factor: 7.5**

10. **J. Jesu Vedha Nayahi**, V. Kavitha, "An efficient clustering for anonymizing data and protecting sensitive labels" International Journal of Uncertainty Fuzziness and Knowledge-based system, Vol.23(5),pp. 685-714, 2015. **Impact Factor: 1.518**

11. Suja A.Alex, **J.Jesu Vedha Nayahi,** "Deep Incremental Learning for Big Data Stream Analytics", Proceedings of the International Conference on Computer Networks, Big data, and IoT published in Lecture Notes on Data Engineering and Communication Technologies, Vol. 31, pp. 600-614, August, 2019.

12. Syed Ali Fathima Aasia. P, Gokulakrishnan. K, **Jesu Vedha Nayahi. J,**"Supervised LearningApproach for Performance Evaluation of Digital Fundus Image Quality", International Journal of Scientific Engineering and Research, Vol 3, No. 5, May, 2015.

13. S. Merlin and **J. Jesu Vedha Nayhai**, "Privacy Preserving Distributed Classification using C4.5 Decision Tree", International Journal of Innovative Research in Computer and Communication Engineering, Vol.2 Special Issue. 3, April 2015.

14. Gopika Rani G.U., **J. Jesu Vedha Nayahi**, "Review of Cancer Subtype Prediction: Progress and Challenges", in International Journal of Computer Science and Mobile Computing, 180-190, 2013.

15. P. Anuja, K. Gokulakrishnan, **J. Jesu Vedha Nayahi**, "A Hybrid Solution for Resource Discovery problem in Grid Networks", International Journal of Scientific & Engineering Research, Vol. 3, No 7, July 2012.

16. Deivanai, **J. Jesu Vedha Nayahi**, V.Kavitha, "An Efficient Privacy Preserving Classification Tree Technique in k-anonymity for secure Data Mining and Data Publishing", CiiT International Journal of Data Mining and Knowledge Engineering, Vol.3, No. 7, May 2011.

17. M. Alamelu Mangai, **J. Jesu Vedha Nayahi**, "An Effective Algorithm for Data Privacy in Distributed Environment Using Wavelets", CiiT International Journal of Data Mining and Knowledge Engineering, April 2010.

18. C. Gopalakrishnan, V. Kavitha, **J. Jesu Vedha Nayahi**, "Reducing Latency by Providing Location Based Services Using Hybrid Cache in Adhoc Networks", International Journal of Advanced Networking and Applications, Vol. 2, No. 1, 428-436, 2010.

National/International Conferences

1. C. M. Naga Sudha, **J. Jesu Vedha Nayahi**, S. Saravanan, B. Jayagokulakrishna, "Smart Living: Safe and Secure Smart Home with Enhanced Authentication Scheme", AICTE sponsored International Conference on Intelligent Computing, Communication and Information Security, held at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, 25-26 November 2022.

2. C. M. Naga Sudha, **J. Jesu Vedha Nayahi**, S. Saravanan, Subish Daniel, , "Smart Office: Happy Employees in Enhancedand Energy Efficient (EEE) Workplace", AICTE sponsored International Conference on Intelligent Computing, Communication and Information Security, held at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, 25-26 November 2022.

3. Naga Sudha C M, Saravanan S, **Jesu Vedha Nayahi J**, Sankar S, Ajantha S.V and Dr. Prakash S "INDUSTRY 4.0: Novel Approach to Dwindle the Population Bestrew of COVID-19 Through IoT Point-of-mCare SHAD App", International Conference on Robotics, Automation and Non-Destructive Evaluation 2022.

4. Suja A Alex, **J Jesu Vedha Nayahi**, "Building Online Classification Data for IoT data", Virtual International Transdisciplinary Conference (VITC-2020)

5. B. Akila and **J. Jesu Vedha Nayahi**, presented a paper titled "A review on voice based prediction of Parkinson Disease", in the 2nd International Conference on New Scientific Creations in Engineering and Technology, 2020 on 14.03.2020.

6. Suja A.Alex, **J.Jesu Vedha Nayahi,** participated and presented a paper in "Deep Incremental Learning for Big Data Stream Analytics", in the Springer International Conference on Computer Networks, Big Data and IoT, ICCBI2018.

7. Bency, **J Jesu Vedha Nayahi**, participated and presented a paper in "An Extensive study on IRIS recognition using IRIS images" in the International Conference on Wireless Smart System Technologies (WiSST'17) from 05-07 January 2017.

8. Benita Nancy. G, **Jesu Vedha Nayahi. J**, "Bidirectional Bidding for Efficient Allocation of Multiple Resources in Clouds", International Conference on Recent Trends in Information Technology, April 2016.

9. Aarthi, **Jesu Vedha Nayahi J** "Glaucoma detection based on optic disc and optic cup segmentation from fundus photographs – A Survey", in IEEE International Conference on Computing Technologies and Intelligent data Engineering, in National Engineering college, 2016.

10. Aarthi, **Jesu Vedha Nayahi. J**, participated and presented a paper in "Machine Learning Approach for Segmentation of Optic Disc and Cup in Fundus Photograph", 6th International Conference on Emerging Trends in Engineering and Technology, 15th April 2016 Cape Institute of Technology.

11. M. Nishanthi, **J.Jesu Vedha Nayahi**, "Modified BPS Algorithm Based On Shearlet Transform For Noisy Images", in Third International Conference on Recent Trends in Information Technology, 25-27 July 2013, MIT, Chennai.

12. Gopika Rani G.U, **J.Jesu Vedha Nayahi**, "Review of Cancer Subtype Prediction: Progress and Chanllenges", International Conference on Mobility in Computing, Dec 17-18, 2013, Kerala.

13. L.Madhuri Devi, **J.Jesu Vedha Nayahi**, V.Kavitha, "An Efficient Approach for Data Privacy in Distributed Environment Using Nearest Neighbour Search anonymization", in Second International Conference on Recent Trends in Information Technology, 19-21 April 2012, 413-416, MIT, Chennai.

14. Alamelu Mangai and **Jesu Vedha Nayahi J**, "An effective algorithm for data privacy in distributed environment using wavelets", National Conference on Computing and Control Engineering, 12th and 13th April 2012, Dr. M.G.R Educational & Research Institute.

15. P.Deivanai, **J.Jesu Vedha Nayahi**, V.Kavitha (2011), "A hybrid data anonymization integrated with suppression for preserving privacy in mining multi party data", First International Conference on Recent Trends in Information Technology, organized by MIT, Chennai, IEEE Madras Section during 3-06-2011 to 5-06-2011.

16. **J.Jesu Vedha Nayahi**, Kurshid Jinna "An enhanced ezw image compression using morphological dialtion", presented in UGC sponsored National Conference on Recent Trends in Computational Mathematics, March 18-19, 2004, Gandhigram Rural University.

17. **J.Jesu Vedha Nayahi**, B.Erasmus Arockiam, " An Efficient Image Compression using Wavelet", National conference on Recent Trends in Communication Technology, April 7-8, 2004, Thuckalay.

18. **J. Jesu Vedha Nayahi,** P. Deivanai, participated and presented a paper on "An efficient privacy preserving classification tree using multidimensional suppression in k-anonymity", held on 4th march 2011 in the National conference on Emerging trends in applications of computing conducted by Francis Xavier Engineering College.

Book Chapters:

1. C. M. Naga Sudha, and **J. Jesu Vedha Nayahi**, "Patient Wellness: Ethereum Based Electronic Health Record Storage", in the edited book Blockchain Intelligent Systems, CRC, pp. 158-173, 2024.

2. CM Naga Sudha, **J Jesu Vedha Nayahi,** "The Future of Sustainable Green Smart Cities", in the edited book titled Green Computing for Sustainable Smart Cities, pp. 313-340, CRC Press, 2024.

3. C.M. Naga Sudha, K. Gokulakrishnan and **J. Jesu Vedha Nayahi**, "IoT-Based Secure Smart Healthcare Solutions", in the edited book Security Engineering for Embedded and Cyber-Physical Systems, CRC, pp. 25-49, 2022

4. C.M. Naga Sudha, K. Gokulakrishnan and **J. Jesu Vedha Nayahi**, "Standards and Protocols of Blockchain", in the edited book Blockchain for Smart Cities, Elsevier, pp. 335-354, 2021.

5. Josephine Usha and **J.Jesu Vedha Nayahi**, "Security and Privacy in Big Data Cyber- Physical System", Book titled Cyber Security and Privacy in Cyber Physical System, edited by Yassine Maleh, CRC, Taylor & Francis Group, May 2019.

6. Nirmalan, K.Gokulakrishnan and **J.Jesu Vedha Nayahi,** "Load Balancing In Heterogeneous Cluster Cloud Computing", Edited book titled Novel Practices and Trends in Grid and Cloud Computing, IGI, 146-169, June 2019.

7. **J. Jesu Vedha Nayahi** and K. Gokulakrishnan, "Medical Image Classification", in the Edited book titled Medical Image Processing for Improved Clinical Diagnosis, IGI publisher, 59-80, 2018.

8. **J. Jesu Vedha Nayahi** and Kurshid Jinna "An enhanced EZW image compression using morphological dilation", published in book Computational Mathematics, Narosha Publishers, 2005, ISBN-13: 9788173196195, MORGAN/CLAYPOOL publisher, ISBN-10: 8173196192.

Edited Book:

1. Golden Julie, **Jesu Vedha Nayahi**, Noor Zaman Jhajhi, Edited book titled "Blockchain Technology Fundamentals, Applications and Case Studies", CRC Press, 2020.

2. Golden Julie, Y Harold Robinson, **Jesu Vedha Nayahi J**, Thanvavel Vaiyapuri, "Blockchain Intelligent Systems: Protocols, Application and Approaches for Future Generation Computing", CRC Press, 2024.

Book translated:

1. Tamil transcript e-book of the SWAYAM-NPTEL 8 weeks online course on "Introduction to Database System"

2. Tamil transcript e-book of the SWAYAM-NPTEL 12 weeks online course on "Privacy and Online Social Media"

Honours / Awards:

1. Topper among the 241 performers from a total of 5308 participants in the two 2-week FDP "Foundation program in ICT for Education" and "Pedagogy for Online and Blended Teaching-Learning Process" organized by IIT Bombay.

2. Received certificate of outstanding contribution in reviewing the papers in Future Generation Computer System, Elsevier publisher.

3. Topper 1% of the 12 week SWAYAM-NPTEL course on Introduction to Internet of Things out of the total 3776 candidates.

4. Received honor code certificate for successfully completing the STTP on Technical Communication for Scientist and Engineers conducted by IIT Bombay.

5. Achieved 19th rank in M.E. Computer Science and Engineering under Anna University and received medal for securing University Rank in the year 2004.

6. Received certificate for first rank in second, third and final year of B.E. Computer Science and Engineering at college.

7. Topper 5% of the 8 week SWAYAM-NPTEL course on Database Management Systems out of the total 3734 candidates.

8. Topper 1% and gold medalist of the 8 week SWAYAM-NPTEL course on Cloud Computing out of the total 2460 candidates.

9. Received certificate of contribution as reviewer in Knowledge based System, Elsevier publisher.

10. Received certificate of contribution as reviewer in Intelligent Systems with Applications, Elsevier publisher.

11. NPTEL discipline star Jan to Apr 2022

12. Silver medalist of the 12 weeks SWAYAM-NPTEL course on Data Analytics with Python out of the total 6359 candidates.

Patents:

1. S. Saravanan, C.M. Naga Sudha, J. Jesu Vedha Nayahi, Sekar, Sankar, Vasanthan, Renugadevi, Periasamy and Sutha, Secure and smart helmet integrated with SaS-H application for data transmission, 2021.(Patent Granted)

Research Guidance:

Project Grant:

1. One student project of worth Rs. 25,000 was funded by Anna University for the development of Prosthetic arm for differently abled.

Academic / Additional Responsibilities:

1. Time table coordinator for preparing the schedule of theory examinations of Anna University of Technology, Tirunelveli for even semester 2010-2011 and odd semester of 2011 and 2012.

2. Coordinator of the technical student association of the department "Tech-Society" from 2011 – 2014.

3. Single Point of Contact (SPOC) of SWAYAM-NPTEL Local Chapter from December 2017 - 2019.

4. Class advisor and class committee chair person, External examiner and Internal examiner for practical examination, Anna University representative for conducting the theory examination, Invigilation squad member for theory and practical examination, Affiliation inspection committee member, internal stock verification committee member.

5. Faculty in-charge for the NSS special camp conducted from 22-04-2018 to 28-04-2018.

6. Coordinator for the cultural day, Kalashetra, 2018.

7. Lab In-charge of CSE lab, University College of Engineering, Nagercoil during the even semester of 2019.

8. Lab In-charge of Lab 2, Department of Computer Science and Engineering, Anna University Regional Campus – Tirunelveli during the odd even semester of 2021.

9. Faculty In-charge of Academic courses, Anna University Regional Campus – Tirunelveli since 2020.

10. Coordinator of Career Guidance Cell, Anna University Regional Campus – Tirunelveli since 2021.

11. Naan Mudhalvan Single Point of Contact of Anna University Regional Campus – Tirunelveli since June 2023.

12. Startup Cell Coordinator of Anna University Regional Campus – Tirunelveli since 2023.

13. Time table coordinator of Computer Science and Engineering Department, Anna University Regional Campus – Tirunelveli, even semester 2023-2024.

Committee Member: (Representation in any Committee)

1. Member of Internal Quality Assurance Cell(IQAC) of Noorul Islam Centre for Higher Education, Kumaracoil.

2. Member of Programme Assessment and Quality Improvement Committee(PAQIC) of St. Xaviers Catholic College of Engineering, Chunkankadai.

3. Doctoral Commitee member for Ph.D. research scholars of Anna University, Manonmaniam Sundaranar University and Noorul Islam University.

4. Translator of Tamil transcript for the SWAYAM-NPTEL 8 weeks online course on "Introduction to Database System"

5. Translator of Tamil transcript for the SWAYAM-NPTEL 12 weeks online course on "Privacy and Online Social Media"

6. Translator of Tamil transcript for the SWAYAM-NPTEL 8 weeks online course on "Object-oriented analysis and design" and also voice recording of the tamil transcript.

7. Discussion forum moderator of the AICTE five week MOOC FDP101x: Foundation Program in ICT for Education conducted by IIT BombayX between Sep 13th to Oct 21st 2018.

8. Discussion forum moderator of the AICTE ten weeks MOOC FDP201x: Pedagogy for Online and Blended Teaching-Learning Process conducted by IIT BombayX between Oct 30th 2018 to Jan 6th 2019.

9. Technical committee member of the 2017 International Symposium on Mechanical Design, Manufacture and Automation, Nov 24-26, Dubai.

10. Technical committee member of the 2018 International Symposium on Mechanical Design, Manufacture and Automation, Nov 23-25, Abu Dhabi.

11. Technical Program Committee member of the 2016 International conference on Mechanical Design and Control Engineering held at Italy.

12. Technical Program Committee member of the International Conference on Artificial Intelligence and Computer Engineering (AICE 2017), June 23rd – 25th 2017, China

13. .Program Committee Member of 7th International Conference on Data Mining and Database, March, Sydney, Australia.

14. Technical Programme Committee Member of World Innovation and Computation Congress(WICC 2018) organized by Sri Ramakrishna Institute of Technology, Coimbatore.

15. Technical Programme Chair of the IEEE sponsored Third International Conference on Inventive Research in Computing Applications by RVS College of Engineering and Technology, Coimbatore.

16. Technical Programme Committee Member in the IEEE sponsored 6th International Conference on Inventive Computation Technologies conducted by RVS Technical Campus, Coimbatore.

17. Advisory Technical Committee Member in the International Conference on Computational Intelligence and Theoretical Sciences conducted by St. Xaviers Catholic College of Engineering, Chunkankadai

18. Co-convener of the International Conference on Emerging Trends in Computing, Communication, and Automation Technology, conducted by Sri Vidya College of Engineering.

19. Programme committee member of IEEE sponsored International conference on green high performance computing 2016.

20. Technical chair in the First National Conference on Computing & Communication, NCCC'14 on 03-04-2014 held at Regional Office, Anna University Tirunelveli Region.

21. Technical chair in the CSIR sponsored Second National Conference on Computing & Communication, NCCC'15 during 04-05-2015 to 05-05-2015 held at Regional Office, Anna University Tirunelveli Region.

22. Technical chair for the sessions of the National Conference on Emerging Trends in Computing and Informatics at Dr. Sivanthi Aditanar College of Engineering on 28th March 2017.

23. Program Committee Member of the 7th International Conference on Data Mining and Databases(DMDB 2020), March 28-29, Australia.

24. Technical Program Committee member of the 6th International Conference on Inventive Computation Technologies, RVS Technical Campus January 2021.

25. Technical Program Committee member of the 3rd International Conference on Inventive Research in Computing Applications held at RVS College of Engineering and Technology, Coimbatore, September 2021.

26. Technical Program Committee member of the 4th International Conference on Inventive Research in Computing Applications held at RVS College of Engineering and Technology, Coimbatore, September 2022.

27. Technical Program Committee member of the 5th International Conference on Inventive Research in Computing Applications held at RVS College of Engineering and Technology, Coimbatore, August 2023.

28. Technical Program Committee member of the 3rd International Conference on Smart Data Inteliigence held at Kongunadu College of Engineering and Technology, Trichy, March 2023.

29. Tamil voice recording of the tamil transcript of the Computer Architecture and Organization SWAYAM NPTEL course, 2024.

Professional Membership:

    ISTE lifetime member

Research Guidance

  i.   PG   : Completed 24

  ii.   Ph.D. : Completed 2 Ongoing 4

Expert Lecture Delivered:

1. Anna University sponsored Seven days FDP on "Database Management System and Advanced Databases" organized by Regional Centre of Anna University, Tirunelveli Region from 4.12.2013 to 5.12.2013.

2. Resource person for the one day Workshop on "Weka and Data Mining" organized by St.Xaviers College of Engineering, Nagercoil on 17.10.2013.

3. Resource person for the Workshop on "Knowledge Discovery for Research Applications organized by Noorul Islam University, Nagercoil on 24.03.2014.

4. Resource person for the Workshop on "Knowledge Discovery using Weka" organized by St.Xaviers College of Engineering, Nagercoil on 07.11.2014 & 08.11.2014.

5. Anna University approved Seven days "FDP on C# and .NET" organized by Einstein College of Engineering on 14.05.2015.

6. Anna University sponsored Seven days FDP on "Data Warehousing and Data Mining" organized by Anna University Regional Campus – Tirunelveli on 25.05.2016, 27.05.2016, 28.05.2016 & 30.05.2016.

7. Anna University approved Seven days FDP on "Compiler Design" organized by Scad College of Engineering and Technology on 09.12.2015.

8. Resource person and chief guest for the Seminar on "Data Mining" organized by Scad College of Engineering and Technology on 15.07.2016.

9. Resource person for the Workshop on "Data Warehousing and Data Mining" organized by St.Xaviers College of Engineering, Nagercoil on 28.07.2016 & 29.07.2016.

10. Anna University sponsored Seven days FDP on "Multicore Architectures and Programming" organized by Anna University Regional Campus – Tirunelveli on 03.12.2016 & 09.12.2016.

11. Resource person and chief guest for the Workshop on Python and R Programming organized by Sri Vidya College of Engineering and Technology on 23-02-2017.

12. Anna University sponsored Seven days FDP on "Artificial Intelligence" organized by Francis Xavier Engineering College on 24.11.2017.

13. Anna University sponsored Seven days FDTP on "Distributed Systems" organized by Anna University Regional Campus – Tirunelveli on 01.12.2017.

14. Resource person for one day National level workshop on Stimulating Research Perspectives on Big Data organized by Department of Master of Computer Applications, Anna University Regional Campus – Tirunelveli on 28.02.2018.

15. Resource person and chief guest for the three days workshop on Big data stream analytics organized by Mepco Schlenk Engineering College on 14-05-2018.

16. Anna University sponsored six days Faculty Development Training Programme on Theory of Computation(CS8501) organized by Anna University Regional Campus – Tirunelveli on 29th April 2019.

17. Delivered Lecture on "Emerging Computer Technologies to Power the Future" at Rani Anna Government College for Women in the Computer Science Association Meeting on 20-09-2019.

18. Chief guest address at the National Level Symposium organized by the Department of Computer Science and Engineering, St. Mother Theresa Engineering College on 25.09.2019.

19. Handled session on "Stream Computing" in the Six days Anna University sponsored FDTP on Big Data Analytics(CS8091) organized by St. Xaviers Catholic College of Engineering, Nagercoil on 19.11.2019.

20. Handled session on "NoSQL Databases" in the Six days Anna University sponsored FDTP on Big Data Analytics(CS8091) organized by St. Xaviers Catholic College of Engineering, Nagercoil on 21.11.2019.

21. Handled session in the Six days Anna University sponsored FDTP Compiler Design organized by National Engineering College, Kovilpatti, on 16.12.2019.

22. Guest lecture on "Artificial Intelligence" to the B.E. Third Year Computer Science and Engineering students of St. Mother Theresa Engineering College, Vagaikulam on 19.02.2020.

23. Resource person for the Webinar on "Big Data Stream Mining" organized by Department of Computer Science and Engineering, SRM Institute of Science and Technology, Chennai on 03.07.2020

24. Handled session in the Online 5 days Faculty Development Programme on "Industry Revolution 4.0: Emerging Trends in Information Technology" organized by Sree Buddha College of Engineering, Kerala held during 13.07.2020 and 17.07.2020 on the topic "Current Trends in Data Science on 16.07.2020 afternoon.

25. Technical Seminar on "Information Technology for Industry 4.0", organized by The Institute of Engineers(India) on 20.01.2021.

26. Handled session in the Online Faculty Development Programme on "Artificial Intelligence", conducted by Francis Xavier Engineering College, Tirunelveli on 10.03.2021.

27. Resource person for the Online Faculty Development Programme organized by PSN College of Engineering and Technology on 18.05.2021.

28. Handled session on the topic "Data Mining with Weka" in the five days webinar in Big Data Analytics and its tool organized by Pet Engineering College on 30.09.2021.

29. Handled session in the Webinar on Current Trends in Data Science organized by Amrita College of Engineering and Technology, Nagercoil on 30.05.2022.

30. Handled session on the "Fundamentals of Data Analytics" in the one week AICTE-ISTE induction/refresher program on "Medical data analytics with python on 04.01.2022.

31. Handled a one day hands-on Workshop on Weka tool at Kamaraj College of Engineering on 05.11.2022.

32. Handled session in the topic "Blockchain in Healthcare" in the Faculty Development Programme organized by the Department of Computer Science and Engineering, PSN College of Engineering and Technology on 07.07.2023.

33. Resource Person for the Five Days Online FDP on IT3501 Full Stack Web Development & IT3511 Full Stack Web Development Lab organized by Department of Information Technology and ISTE Chapter, Jayaraj Annapackiam CSI College of Engineering from 24.07.2023 to 28.07.2023. Handled session in the topic "Express and Angular" on 27.07.2023.

34. Resource Person for the 21 days Online International Faculty Development Program on Data Science Tools held from12.07.2023 to 01.08.2023 organized by Department of Computer Science and Engineering, SRM Institute of Science and Technology. Handled session in the topic "R Porgamming" on 13.07.2023.

35. Resource Person for the six days Anna University sponsored Faculty Development Programme on "CS3501 Compiler Design" organized by Department of Computer Science and Engineering, National Engineering College from 31.07.2023 to 05.08.2023. Handled session in the Unit I on 31.07.2023.

36. Acted as expert to evaluate the project proposals submitted to the Internal smart India Hackathon (ISIS 2023) on 20.09.2023 at National Engineering College, Kovilpatti.

37. Resource Person for the AICTE ATAL sponsored One week Faculty Development Programme on Artificial Intelligence and Machine Learning for Industrial Internet of Things 5.0 organised by Department of Information Technology, Mepco Schlenk Engineering College, Sivakasi from 14.11.2023 to 19.11.2023. Handled session in the topic "Data Analytics for Industrial IoT" on 16.11.2023.

Short Term Courses, Seminars, Workshop

Organized :

1. Coordinator of the Seven days Faculty Development Programme on IT 6702 Data Warehousing and Data Mining Sponsored by Anna University from 25-05-2016 to 31- 05-2016.
2. Coordinator of the Seven days Faculty Development Programme on Multicore Architectures and Programming Sponsored by Anna University from 01-12-2016 to05- 12-2016, 09-12-2016 and 10-12-2016.
3. Coordinator of One day National level symposium, Novateur 2013 organized by the technical association, Department of Computer Science and Engineering.
4. Co-Convener of the Student Induction Program-2021 organized by Anna University Regional Campus – Tirunelveli.
5. Co-ordiantor of the six days Faculty Development Training Programme on CS8082 Machine Learning Techniques sponsored by Anna University from 04-07-2022 to 09-07-2022.
6. Co-convener of the Student Induction Program – 2022 organized by Anna University Regional Campus – Tirunelveli.
7. Coordinator of the six days Anna University sponsored Faculty Development Programme on Foundations of Data Science conducted from 21.08.2023 to 26.08.2023.

Attended :

1. Workshop(2008), "Instructional Planning for Engineering Programmes", organized by National Institute of Technical Teachers Training & Research, during 20.09.2008. (1 day)
2. FDP(2008), "Wireless Technology", organized by Department of Information Technology, Jerusalem College of Engineering, during 03-11-2008. (1 day)
3. Workshop(2008), "Neural networks and fuzzy systems", organized by Jerusalem College of Engineering, during 04-11-2008. (1 day)
4. Skill based training program(2010), "J2EE and Best Practices in Application Development", organized by ICT Academy of Tamilnadu during 25-02-2010 to 26- 02-2010. (2 days)
5. International Workshop (2011), "Data Mining for Web Intelligence", organized by MIT, Anna University, Chennai, during 20-01-2011 to 21-01-2011. (2 days)
6. Workshop (2011), "Weka - Data Mining Tool", organized by Government College of Technology, Coimbatore, during 29.09.2011. (1 day)
7. ISTE workshop(2012), "Aakash For Education", organized by IIT Bombay during 10- 11-2012 to 11-11-2012. (2 days)
8. Workshop (2012), "Hands on Approach to Wireless Network Simulation using NS2", organized by the Department of Computer Science and Engineering, Regional Centre of Anna University, Tirunelveli Region during 04-12-2012 to 05-12-2012. (2 days)
9. Workshop(2013), "How To Write for and Get Published in Scientific Journals and Publish Manuscripts", organized by Springer and Edanz along with Anna University Chennai, during 29-01-2013. (1 day)
10. ISTE workshop(2013), "Database Management Systems", organized by IIT Bombay during 21-05-2013 to 31-05-2013. (11 days)
11. Workshop(2013), "Soft computing and its Applications", organized by Department of Electronics and Communication Engineering, Regional Centre of Anna University, Tirunelveli Region during 4.06.2013 to 6.06.2013. (3 days)
12. Seminar (2013), "Importance of Free Open Source Software", organized by Regional Centre of Anna University, Tirunelveli Region in collaboration with Spoken Tutorial Project, IIT Bombay during 22-10-2013. (1 day)
13. Workshop(2013), " Hands on Approach to Proficient Document Writing using LaTeX", organized by the Department of Computer Science and Engineering, Regional Centre of Anna University, Tirunelveli Region during 12-11-2013 to 13-11-2013. (2 days)
14. ISTE workshop, "Signals and Systems", organized by IIT Kharagpur during 02-01- 2014 to 12-01-2014. (11 days)
15. Seminar(2014), "Research Expansion in Digital Image Processing", organized by Regional Office of Anna University, Tirunelveli during 28-02-2014. (1 day)
16. ISTE e-seminar (2014), "Steps 2 Research", organized by Amal Jyothi College of Engineering, ISTE kerala section and CSI cochin chapter during 19-09-204 to 20- 09-2014. (2 days)
17. Workshop(2014), "High Impact Journal Writing and Publishing", organized by Regional Centre, Anna University, during 25-09-2014. (1 day)
18. Workshop (2014), "Recent trends in mathematical coding theory & cryptography", organized by University V.O.C College of Engineering, Thoothukudi during 17-10- 2014. (1 day)
19. Workshop (2014) , "Big Data Analytics", organized by MIT campus Chennai during 21-11-2014 to 22-11-2014. (2 days)
20. ISTE STTP (2015), "Technical Communication", organized by Indian Institute of Technology Bombay during 8-10-2015 to 5-12-2015. (59 days)
21. FDTP (2015), "Compiler Design", organized by Scad College of Engineering and Technology and Approved by Anna University during 07-12-2015 to 13-12-2015. (7 days)

22. DBT sponsored workshop (2016), "Modern Computing Technologies for affective brain computer interface (ABCI)", organized by National Engineering College during 08-01-2016 to 09-01-2016. (2 days)
23. FDTP (2016), "Operating System", organized by Scad College of Engineering and Technology and Approved by Anna University during 15-12-2016 to 21-12-2016. (7 days)
24. FDTP (2017), "Signals and Systems" organized by Anna University Regional Campus – Tirunelveli during 12-06-2017 to 18-06-2017. (7 days)
25. Workshop (2017), "Hands on with Grid and Cloud Computing", organized by Dr. Sivanthi Aditanar College of Engineering, Tiruchendur, during 28-06-2017 to 30-06- 2017. (3 days)
26. FDP(2017), "Emotional Intelligence", organized by ICT Academy at Wavoo Wajeeha Women's College of Arts & Science during 28-08-2017 and 29-08-2017. (2 days)
27. Workshop (2017), "Python programming", organized by Anna University at Anna University Regional Campus – Tirunelveli during 21-08-2017 and 22-08-2017. (2 days)
28. MOOC(2017), "Python", organized by GUVI during 22-08-2017.
29. AICTE sponsored seminar (2017), "Research Perspectives and challenges in IoT instrumentation aspects" organized by National Engineering College, Kovilpatti during 25-10-2017 to 27-10-2017. (3 days)
30. AICTE approved FDP (2017), "Foundation Programme in ICT for Education", organized by IIT Bombay, during 03-08-2017 to 13-09-2017. (42 days)
31. AICTE approved FDP (2017), "Pedagogy for online and blended teaching-learning process" organized by IIT Bombay during 14-09-2017 to 12-10-2017. (29 days)
32. FDTP (2017), "Artificial Intelligence", organized by Francis Xavier Engineering College, Tirunelveli, during 24-11-2017 to 30-11-2017. (7 days)
33. Workshop(2018), "NPTEL Workshop", organized by IIT Madras, during 25-01-2018. (1 day)
34. Workshop(2018), "Learning Technologies in Engineering Education", organized by 18th IEEE International Conference on Advanced Learning Technologies at IIT Bombay, during 09-07-2018 to 13-07-2018. (5 days)
35. SWAYAM-NPTEL MOOC(2018), "12 week course on Business Analytics and Data Mining Modeling", organized by NPTEL Online Certification during Jan-Apr 2018 with a consolidated score of 70%. (84 days)
36. SWAYAM-NPTEL MOOC(2018), "12 week course on Introduction to Internet of things", organized by NPTEL Online Certification during Jan-Apr 2018 with a consolidated score of 88%. (84 days)
37. MOOC(2018), "Geoinformatics for forest fire management", organized by Indian Institute of Remote Sensing during 02-04-2018 to 07-04-2018. (6 days)
38. MOOC(2018), "Elements of Learner-centric MOOCS", organized by IIT Bombay, during 03-05-2018 to 23-05-2018. (21 days)
39. SWAYAM-NPTEL MOOC(2018), "12 week course on Deep Learning", organized by NPTEL Online Certification during Jul-Oct 2018 with a consolidated score of 74%.
40. SWAYAM-NPTEL MOOC(2018), "12 week course on Database Management Systems", organized by NPTEL Online Certification during Aug-Sep 2018 with a consolidated score of 86%.
41. FDTP (2018), "Design and Analysis of Algorithms", organized by National Engineering College, Kovilpatti, during 26-11-2018 to 08-12-2018. (13 days)
42. SWAYAM-NPTEL MOOC(2019), "8 week course on Cloud Computing", organized by NPTEL Online Certification during Aug-Oct 2019 with a consolidated score of 90%.
43. SWAYAM-NPTEL MOOC(2020), 8 week course on Introduction to Blockchain Technology and Applications during Feb-Apr 2020 with a score of 85%

44. Two weeks Faculty Development Programme on "Quantitative Methods for Data Analysis" from August 12 – August 25, 2020 conducted by Ramanujam College with A+ grade.
45. One week AICTE(Online) FDP on "Wearable Devices" from 14.12.2020 to 18.12.2020.
46. Workshop on Fundamentals of Deep Learning by Nvidia Deep Learning Institute(Online) on 26.06.2021.
47. Three Weeks Industrial Training on Communication and Networking Technologies at BSNL, Tirunelveli from 23.06.2021 to 13.07.2021.
48. One week AICTE FDP on Introductory Universal Human Values from 04.10.2021 to 08.10.2021.
49. One week AICTE FDP on Universal Human Values Refresher Part 1 from 21.02.2022 to 25.02.2022.
50. Online IP Awareness Training Program under National Intellectual Property Awareness Mission on March 3rd 2022.
51. Online Awareness Training Program on Hearing Prevention & Management conducted by Anna University on 12.03.2022.
52. Swayam NPTEL 12 weeks course on Data Analytics with Python from Jan-Apr 2022 with 78% marks
53. One week AICTE FDP on Universal Human Values II from 20.06.2022 to 25.06.2022.
54. NITTTR Module 1 on Orientation Towards Technical Education and Curriculum Aspects from Oct-Nov 2022
55. NITTTR Module 2 on Professional Ethics and Sustainability from Oct-Nov 2022.
56. Big Data Analytics Faculty Training Program under Naan Mudhavan Scheme on 16.11.2022
57. Completed 8 modules of the Google - Course era course on Data Analytics during Jan-Jun 2023.
58. Two days FDP on Generative AI conducted by GUVI at St. Xaviers Catholic College of Engineering on 24.11.2023 and 25.11.2023.
59. Completed the 8 modules mandatory technical teacher training programme conducted by NITTTR, 2024.

Declaration:

I hereby declare that all the information stated above are true to the best of my knowledge.

J Jesu Vedha Nayahi