Dr. Alok Kumar

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Current Position and Affiliation

I am working as an Assistant Professor in the Department of Computer Science and Engineering at Government College of Engineering, Dharmapuri - 636704, Tamilnadu, India.

Work Experience

May 2017–Present **Assistant Professor**, Department of Computer Science and Engineering, *Government College of Engineering*, *Dharmapuri*, Tamilnadu, India.

2014–2015 **Assistant Professor**, Department of Computer Science and Engineering, *Maharaja Agarsain Institute of Technology*, Ghaziabad, UP, India.

Education

July 2021–Nov 2026 **Doctor of Philosophy (Ph.D.),** *Anna University*, Tamilnadu, India.
Information and Communication Engineering (Computer Science and Engineering).
Course Work CGPA – 9.28
Current Status: *First DC Meeting (26.10.2021), Provisional Registration (18.10.2021), Second DC Meeting (Confirmation Meeting: 13.07.2023), Provisional Registration Confirmation (29.09.2023), Annual DC Meeting 2024 (13.12.24), Annual DC Meeting 2025 (10.12.25), Pre-Synopsis Seminar Meeting (24.12.2025), Synopsis Meeting (26.12.2025), DC Meeting 2026 (18.09.2026), Public Viva Voce (19.11.2026)*

2012–2014 **Master of Technology (M.Tech.)**, *Jaypee Institute of Information Technology, Noida*, UP, India, *CGPA – 7.4*
Specialized in Computer Science and Engineering.

2007–2011 **Bachelor of Technology (B.Tech.)**, *ABES Engineering College Ghaziabad, Uttar Pradesh technical University Lucknow*, UP, India, *Percentage – 77.68*
Specialized in Computer Science and Engineering.

2005–2006 **Intermediate (10+2 Std. UP Board)**, *M. D. S. Inter College Najibabad, Bijnor*, UP, India , *Percentage – 83.00*
Main Subjects- Mathematics, Physics, Chemistry, English, Hindi.

2003–2004 **High school (10 Std. UP Board)**, *M. D. S. Inter College Najibabad, Bijnor*, UP, India , *Percentage – 73.13*
Main Subjects- Mathematics, Science, Social Science, English, Hindi, Art.

Area of Specialization/Interest

C Programming, Python, Java, Data Structures, Algorithms, Theory of Computation, Compiler Design, Data Mining, Machine Learning, Soft Computing, Deep Learning

Subjects Taught

- "Problem Solving and Python Programming"
- "C Programming"
- "Foundations of Data Science"
- "Design and Analysis of Algorithm"
- "Data Structures"
- "Soft Computing"
- "Compiler Design"
- "Graph Theory and Applications"
- "Distributed Systems"
- "Human Computer Interaction"
- "Theory of Computation"
- "Parallel Algorithms"
- "Human Values and Ethics
- "Python Programming laboratory"
- "C Programming laboratory"
- "Data Science Laboratory"
- "Algorithms Laboratory"
- "Data Structures Laboratory"
- "Compiler Design Laboratory"
- "Soft Computing Laboratory"

Awards/Achievements

- Received certificate of appreciation in recognition of the **NPTEL Domain Star - "Data Science"** during Jan-April 2026 semester. **[PDF]**
- Acted as a **Faculty Mentor** for one student team (Brainy Coders), who secured third place (later converted as second place) in **ICPC Chennai Multi Provincial contest** (organised by the Department of Data Science and Business Systems, SRM Chennai) held on 1st of November 2025 and **won a cash prize of 20,000 Rupees**. **[PDF]**
- Received award for remarkable **contribution as Niral Thiruvizha Winner Team Faculty Mentor 2025 (Top 50 Teams)**, and for coordinating and guiding student teams effectively during the academic year 2024-2025. **[PDF]**
- Received award for committed service as **Naan Mudhalvan SPOC**, and for coordinating student courses under the Naan Mudhalvan scheme during the academic year 2024-2025. **[PDF]**
- Acted as a **Faculty Guide for one of the Top 50 selected teams in the Niral Thiruvizha 2.0 (Hackathon)** competition during the even semester of 24-25 academic year. **[PDF]**
- Received certificate of appreciation in recognition of the **NPTEL Discipline Star** during July-December 2024 semester. **[PDF]**
- Received certificate of appreciation in recognition of the dedication as a **Naan Mudhalvan SPOC** by J Innocent Divya, IAS, MD TNSDC and Salem Collector on 29.08.2024. **[PDF]**
- Got 1st Rank in TRB Assistant Professor CSE Written Exam and Overall **2nd Rank in the TRB A.P/CSE 2017** recruitment.
- Received **MHRD-GATE Fellowship for M.Tech course**, from Government of India.
- **Qualified national-level tests**: GATE- 2012, 2013, 2016, 2017

Published Research Papers

- **Alok Kumar**, Mahendran N **(2026)**, "Detection and Segmentation of Early Gastric Cancer using Graph Learning Based Improved U-Net Architecture", "Journal of Innovative Image Processing", Vol. 8, Issue 1, **(Scopus Journal),** published on **February 21, 2026,** ISSN 2582-4252, DOI: https://doi.org/10.36548/jiip.2026.1.016. **[PDF]**
- **Alok Kumar**, Mahendran N **(2026)**, "IMREN2UNET - IMPROVED RES-NNU-NET MODEL FOR LESION SEGMENTATION WITH FCD", "ICTACT Journal on Soft Computing", Vol. 16, Issue 4, January 2026**,** published in **January 2026,** ISSN 0976-6561 (Print), DOI: 10.21917/ijsc.2026.0561. **[PDF]**
- **Alok Kumar**, Mahendran N **(2026)**, "U-VQVAE-CTLesionNet: A Generalized Deep Learning Framework for Multi-Organ Lesion Detection and Segmentation in Medical Imaging", "Computational Intelligence", Vol. 42, Issue 1, January 2026. **(Wiley),** published in **January 2026,** ISSN 0824-7935 (Print). **[PDF]**
- **Alok Kumar**, Mahendran N **(2025)**, "MedScope-LDx: A comprehensive approach for advanced lesion analysis in medical imaging", "Biomedical Signal Processing and Control", Vol. 111, January 2026. **(Elsevier),** published in **August 2025,** ISSN 1746-8094 (Print). **[PDF]**
- **Alok Kumar**, Dr. Mahendran N **(2024)**, "A Comprehensive Analysis of Neural Network Techniques in Medical Image Processing", "International Journal of Advanced Research Trends in Engineering and Technology", Vol. 11, Issue 12, December 2024. **(Peer Reviewed Journal),** published in **December 2024,** ISSN 2394-3777 (Print), ISSN 2394-3785 (Online). **[PDF]**
- **Alok Kumar**, Dr. Mahendran N **(2024)**, "Robust Framework for Diagnosing Novel Corona Virus from CT images using Support Vector Binary Classifier", "Journal of Innovative Image Processing", Vol. 5, Issue 4, **(Scopus Journal),** Published on **January 03, 2024**, ISSN: 2582-4252, DOI: 10.36548/jiip.2023.4.006. **[PDF]**
- **Alok Kumar**, Dr. Mahendran N **(2023)**, "Critical Studies on Lesion Segmentation in Medical Images", "Journal of Artificial Intelligence and Capsule Networks", Vol. 5, Issue 3, **(Peer Reviewed Journal),** Published on **September 22, 2023**, ISSN: 2582-2012, DOI:10.36548/jaicn.2023.3.005. **[PDF]**

- **Alok Kumar**, Kirupa Shankar K M **(2022)**, "Employing an efficient Child Tracking System using the Internet of Things", "Samriddhi - A Journal Of Physical Sciences, Engineering & Technology", Vol. 14, No. 02., **(UGC Care Listed Journal),** published on **Jun 30, 2022**, Print ISSN: 2229-7111, Online ISSN: 2454-5767, DOI: 10.18090/samriddhi.v14i02.2. **[PDF]**
- **Alok Kumar**, Manmohan Singh **(2022)**, "Ant Colony Optimization Algorithm for Disease Detection in Maize Leaf using Machine Learning Techniques", "Samriddhi - A Journal Of Physical Sciences, Engineering & Technology", Vol. 14, No. 01., **(UGC Care Listed Journal),** published on **Mar 25, 2022**, Print ISSN: 2229-7111, Online ISSN: 2454-5767, DOI: 10.18090/samriddhi.v14i01.5. **[PDF]**
- Manmohan Singh, Rajendra Pamula and **Alok Kumar (2022)**, "A Clustering Algorithm in Stream Data Using Strong Coreset", "Journal of Interconnection Networks", Volume 22, Issue Supp02, (**Scopus Indexed Journal),** published in **April 2022**, ISSN (print): 0219-2659, ISSN (online): 1793-6713, **[PDF]**
- **Alok Kumar**, Manmohan Singh **(2021)**, "A Machine Learning Methodology for cardio vascular disease prediction", "PIMT Journal OF Research", Vol. 13, No. 04, **(UGC Care Listed Journal),** published in **July-Sep-2021-issue**, ISSN No. 2278-7925, https://pimtjr.in/wp-content/uploads/2022/02/Abstract-Vol.-13-No.4-July-Sep-2021-issue-1.pdf. **[PDF]**
- Kirupa Shankar K M, **Alok Kumar (2021)**, "A Novel Approach For Secure & Smart Healthcare Using Internet Of Things Infrastructure", "Turkish Journal of Computer and Mathematics Education", Volume 12, No 11, Published online on **May 10, 2021**, https://turcomat.org/index.php/turkbilmat/article/view/6893/5672, ISSN No. 5992-5997. **[PDF]**
- **Alok Kumar (2021)**, "Genetic Algorithm For Email Spam Detection Using Machine Learning Models", "Webology", Vol. 18, Issue 01, 2021. **(Scopus Indexed Journal),** published in **2021,** ISSN: 1735-188X. **[PDF]**
- **Alok Kumar (2019)**, "Sentiment Recognition on Twitter Using Support Vector Machine", "Journal of Advanced Research in Dynamical and Control Systems", Vol. 11, Issue 07, 2019. **(Scopus Indexed Journal),** published in **2019,** ISSN 1943-023X. **[PDF]**
- **Alok Kumar (2019)**, "Photogram – A Web Orchestrating", "International Journal of Advanced Research Trends in Engineering and Technology", Vol. 6, Issue 05, May 2019. **(UGC Approved Journal),** published in **May 2019,** ISSN 2394-3777 (Print), ISSN 2394-3785 (Online). **[PDF]**
- Kirupa Shankar K M, **Alok Kumar (2018)**, "Extrapolation of One Day International (ODI) Cricket Match's Consequences", "International Journal of Scientific Research in Computer Science, Engineering and Information Technology", Volume 3, Issue 3. **(UGC Approved Journal),** published on **April 30, 2018,** https://doi.org/10.32628/CSEIT182015, ISSN: 2456-3307. **[PDF]**
- **Alok Kumar**, K Prakash **(2018)**, "Intelligent Traffic Control System based on Artificial Intelligence", "International Journal of Advanced Research Trends in Engineering and Technology", Vol. 5, Issue 01, January 2018. **(UGC Approved Journal),** published in **Jan 2018,** ISSN 2394-3777(print), ISSN 2394-3785. **[PDF]**
- **Alok Kumar**, Anuja Arora and Chetna Gupta **(2014)**, "An Automatized Robustness Testing Tool for Web Services", International Journal of Computer Engineering and Applications, Volume VI, Issue III (http://www.ijcea.com/tag/trustworthiness/).

Granted/Published Patents

- Manmohan Singh, **Alok Kumar (2022)**, "A Novel ADINOF System and Method for Effectively Detecting Outliers in the Data Stream", Patent (Application number is 2021/10617) **Granted** in "The Republic of South Africa" on **June 29, 2022**.
- "IOT Wearable Smart Clothing for Mine Workers" Patent Published in "Intellectual Property India" (Indian Patent) on **June 24, 2022**.

Presented Paper in Conferences

- Presented a paper "Major Breakthroughs on Alzheimer's Disease Detection through MRI images" at **"National Conference on Recent Trends on Science and Technology"** organized by the Department of Computer Science and Engineering held at Government College of Engineering, Dharmapuri on **Apr 4, 2025**. **[PDF]**

- Presented a paper "Medical Plant Identification System using GAN" at National Conference on "**Scientific Computing and Optimization Techniques"** organized by Department of Computer Science and Engineering held at Er. Perumal Manimekalai College of Engineering, Hosur on **Apr 30, 2024**. **[PDF]**
- Presented a paper "IOT Based Coal Mine Safety Monitoring and Alerting System" at National Conference on "**Scientific Computing and Optimization Techniques"** organized by Department of Computer Science and Engineering, held at Er. Perumal Manimekalai College of Engineering, Hosur on **Apr 30, 2024**. **[PDF]**
- Presented a paper "Career Recommendation Chatbox using Deep Learning" at National Conference on "**Innovation in Engineering and Technology"** held at R P Sarathy Institute of Technology, Salem on **Apr 27, 2024**. **[PDF]**
- Presented a paper "A Study on the uses of Deep Learning Techniques in Medical Images" in **AICTE Sponsored International Conference** on "Emerging Issues & Innovative Practices on Machine Learning in Big Data Analytics and Data Science" at M. Kumarasamy College of Engineering, Thalavapalayam, Karur on **Mar 9, 2022**. **[PDF]**
- Presented a paper "Genetic Algorithm for Email Spam Detection Using Machine Learning Models" in **AICTE Sponsored International Conference** on "Emerging Issues & Innovative Practices on Machine Learning in Big Data Analytics and Data Science" at M. Kumarasamy College of Engineering, Karur on **Mar 10, 2022**. **[PDF]**
- Presented a paper "Sentiment Recognition on Twitter using Support Vector Machine" in RIETMA 2019 (5th National Conference) at PEC, Vaniyambadi on **Mar 15, 2019**. **[PDF]**
- Presented a paper "Secure Data Sharing in cloud with data de-duplication" at the National Conference "Innovation in Engineering & Technology" at NSIT Salem on **Mar 16, 2019**. **[PDF]**
- Presented a paper "Portable device for child safety/tracking based on Internet of Things" in NCNIC-2018 (5th National Conference) at Kongu Engineering College, Perundurai, on **Mar 16, 2018. [PDF]**
- Presented a paper "Intelligent Traffic Control System based on Artificial Intelligent" in NCCCET-2018 National Conference at Chettinad college of Engineering & Technology, Karur on **Mar 23, 2018**. **[PDF]**

Worked as a Reviewer in National/International Conference

- Worked as a Reviewer for the 2nd International Conference on Advanced Computing & Emerging Technologies (ACET-2025), organized by the Department of Computer Science & Engineering, Ajay Kumar Garg Engineering College, Ghaziabad, India, held on **November 21–22, 2025**. **[PDF]**
- Worked as a Reviewer for the National Conference on Recent Trends on Science and Technology 2025 organized by the Department of Computer Science and Engineering held at Government College of Engineering, Dharmapuri on **Apr 4, 2025**. **[PDF]**
- Worked as a Reviewer for the IEEE Sponsored 2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, held at OP Jindal University, Raigarh, India from **April 9th to 11th, 2025**. **[PDF]**
- Worked as a Reviewer of the IEEE sponsored OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 4.0 held at OP Jindal University, Raigarh, India from **June 5-7, 2024**. **[PDF]**
- Worked as a Technical Reviewer in Second IEEE and ACM Collaborative International Conference on Emerging Trends in Information Technology and Engineering, Organized by School of Computer Science Engineering and Information Systems (formerly School of Information Technology and Engineering) on **22 & 23 Feb, 2024** at Vellore Institute of Technology (online). **[PDF]**
- Worked as a Reviewer of the 6th International Conference on Information Systems and Management Science ISMS-2023, jointly organized by Department of Computer Science and Engineering, OP Jindal University, Raigarh, India and ICT, University of Malta, Msida, Malta on **Dec 23-24, 2023** at IIT Bhilai, India. **[PDF]**

Worked as a Resource Person

- Worked as a Resource Person in Induction Program (Academic Year 2025-2026 first year students), at Government College of Engineering, Dharmapuri for providing "Naan Mudhalvan" awareness session on **23.08.2025.** **[PDF]**
- Worked as a Resource Person in Induction Program (Academic Year 2024-2025 first year students), at Government College of Engineering, Dharmapuri for providing "Naan Mudhalvan" awareness session on **05.09.2024.** **[PDF]**
- Worked as a Resource Person on July 22, 2024 for "Computer Training" organized by the Department of Computer Science and Engineering at Government College of Engineering, Dharmapuri, Tamilnadu from **July 22 to July 26, 2024**. **[PDF]**
- Worked as a Resource Person in the Department of Information and Technology of R P Sarathy Institute of Technology, Salem for providing "Foundation of Data Science Training with Python for Data Analytics" on **Dec 09, 2023.** **[PDF]**
- Worked as a Resource Person in Induction Program (Academic Year 2023-2024 first year students), at Government College of Engineering, Dharmapuri for providing "Naan Mudhalvan" awareness session on **19.09.2023.** **[PDF]**
- Worked as a Resource Person in the Department of Computer Science and Engineering of Government College of Engineering, Dharmapuri for providing "Data Structures" training **on 31.08.2023 and 07.09.2023.** **[PDF]**
- Worked as a Resource Person in the Department of Computer Science and Engineering & IT of Narasu's Sarathy Institute of Technology, Salem for providing "Research Significance in Compiler Design" guest lecture on **Apr 19, 2023.** **[PDF]**
- Worked as a Resource Person in the Department of Computer Science and Engineering & IT of Narasu's Sarathy Institute of Technology, Salem for providing "Problem-Solving and Python Programming" guest lecture on **Mar 18, 2023.** **[PDF]**
- Worked as a Resource Person in the Department of Computer Science and Engineering & IT of Narasu's Sarathy Institute of Technology, Salem for providing "Compiler Design" guest lecture on **May 22, 2022.**
- Resource Person in GCE Dharmapuri on "C Programming Training" from **Nov 22, 2021 to Nov 24, 2021.** **[PDF]**
- Worked as a Resource Person in the Department of Computer Science and Engineering & IT of Narasu's Sarathy Institute of Technology, Salem for providing "Automata Theory Concepts" guest lecture **on Nov 21, 2021.** **[PDF]**
- Worked as a Resource Person in the Department of Computer Science and Engineering & IT of Narasu's Sarathy Institute of Technology, Salem for providing "Theory of Computation" guest lecture on **Oct 9, 2021.** **[PDF]**
- Resource Person in TNSCST sponsored Workshop on "Python Programming" in GCE Dharmapuri on **Oct 30, 2019.** **[PDF]**
- Resource Person in "TARUNOTSAVA" a flagship Programme on "Emerging Trends in CS and IT" in KVS Dharmapuri on **Apr 6, 2019.** **[PDF]**

Completed AICTE-NITTT MOOC Modules

- Completed 8 MOOC Modules of AICTE-NITTT in **February 2021**. **[PDF]**

Completed Short Term Courses/Workshops/Webinar/Training

- Completed 3 days hands on workshop on "Machine Learning & Deep Learning with NVIDIA Fundamentals" held at the Department of Computer Science and Engineering, Government College of Engineering, Dharmapuri from **September 24 to September 26, 2025**. **[PDF]**
- Participated in Niral Thiruvizha 2.0 (Hackathon) State Competition - Grand Final Review held on **27th June 2025.** **[PDF]**
- Participated in Niral Thiruvizha 2.0 (Hackathon) Regional Boot Camp held in the month of **June 2025.** **[PDF]**

- Successfully completed one day FDP on "Advanced Approach to Deep Learning" organized by Department of Civil Engineering, Government College of Engineering, Dharmapuri in association with Book Bytes International on **30.04.2025**. **[PDF]**
- Successfully completed and received a passing grade in Data Science FDP Training powered by IBM Developer Skills Network and Issued by IBM Career Education Program on **11.03.2024**. **[PDF]**
- Successfully completed and received a passing grade in supporting in Evaluation of Students projects on Naan Mudhalvan IBM Professional Readiness for Innovation, Employability and Entrepreneurship program on Emerging technology (Artificial Intelligence, Applied Data Science, Data Analytics, Internet of Things, Cloud App development) powered by IBM Developer Skills Network and Issued by IBM Career Education Program on **08.03.2024**. **[PDF]**
- Completed 20 hours of Train the Trainer program on Digital Productivity and AI Fluency under the Faculty Development Programme conducted by Naan Mudhalvan in partnership with Microsoft from **06.10.23 to 14.10.23**. **[PDF]**
- Completed a 4.5 hours course on "Deep Generative Models" through Udemy on **June 6, 2023**. **[PDF]**
- Completed one-week short-term training program on research analysis and evaluation techniques by Marwadi University from **Dec 26th to 30th 2022**. **[PDF]**
- Completed a 12 hours course on "Deep Learning with PyTorch for Medical Image Analysis" through Udemy on **December 4, 2022**. **[PDF]**
- Completed a 8 hours course on "Deep Learning: GANs and Variational Autoencoders" through Udemy on **December 4, 2022**. **[PDF]**
- Completed Infosys Springboard Online Course "Introduction to Data Science" on **October 8, 2022**. **[PDF]**
- Completed Infosys Springboard Online Course "Introduction to Artificial Intelligence" on **October 8, 2022**. **[PDF]**
- Completed a 22.5 hours course on "Deep Learning A-Z™: Hands-On Artificial Neural Networks" through Udemy on **December 5, 2021**. **[PDF]**
- Completed a 10.5 hours course on "R Programming A-Z™: R for Data Science with Real Exercises!" through Udemy on **December 3, 2021**. **[PDF]**
- Completed one day online workshop on "Data Visualization" conducted by Coimbatore Institute of Technology, Coimbatore on **April 28, 2021**. **[PDF]**
- Completed "Python 3.4.3" training on **May 12, 2020**, conducted remotely from IIT Bombay. **[PDF]**
- Attended one day webinar on "How the teachers should be ready to handle post pandemic challenges" organized by Chennai Institute of Technology on **May 12, 2020. [PDF]**
- Completed "Introduction to Computers" training on **May 11, 2020**, conducted remotely from IIT Bombay. **[PDF]**
- Attended one day webinar on "Universal Human Values" organized by MAKE-IT Academy on **May 10, 2020. [PDF]**
- Attended one day webinar on "Dangers of Data" organized by Mangalam College of Engineering, Kottayam, Kerala, India on **May 6, 2020**. **[PDF]**
- Attended two days webinar on "Industry 4.0 - Curtain Raiser" organized by Coimbatore Institute of Technology, Coimbatore on **Apr 24** and **28, 2020**. **[PDF]**
- Completed one day workshop through ICT Mode on "eSim" organized by Sri Shanmugha College of Engineering & Technology, Pullipalayam on **Sep 21, 2019**. **[PDF]**
- Attended one-week short term training Programme through ICT Mode on "Effective Teaching" (NITTTR Kolkata) organized by Government College of Engineering, Dharmapuri from **Jul 15, 2019 to Jul 19, 2019**. **[PDF]**
- Completed a ICT mode workshop on "Python" held at Narasu's Sarathy Institute of Technology on **June 22, 2019**.
- Completed a blended mode workshop on "Moodle Learning Management System"

held at Narasu's Sarathy Institute of Technology on **March 15, 2019.** **[PDF]**

- Completed two days' workshop on "Data Science: Natural Language Processing & Image Processing" held at Government College of Engineering, Dharmapuri from **March 5, 2019 to March 6, 2019**. **[PDF]**
- Completed one day national level workshop on "Artificial Intelligence and Machine Learning" held at Narasu's Sarathy Institute of Technology on **Dec 29, 2018**. **[PDF]**
- Completed one day workshop on "Intellectual Property Rights & Innovations" organized by the centre for Research and Development & IPR Cell held at Narasu's Sarathy Institute of Technology on **Dec 22, 2018**. **[PDF]**
- Attended one-week short term course on "Student Psychology and Prevention of Suicide" in NITTTR Chennai from **Nov 26, 2018 to Nov 30, 2018**. **[PDF]**
- Completed one day National Level Workshop on Deep Learning For Beginners on **Sept 28, 2018** at Kongu Engineering College, Perundurai, Erode. **[PDF]**
- Completed one day Hands-on Training Programme on Data Mining Tools on **Sept 15, 2018** at Kongu Engineering College, Perundurai, Erode. **[PDF]**

Completed Faculty Induction Programme

- Completed 4 weeks Faculty Induction Programme II at CIT Coimbatore from **Apr 22, 2019 to May 5, 2019**. **[PDF]**

Completed Industrial Training/Professional Training

- Completed 2 weeks of Industrial Training on Embedded Systems and IOT (Online Mode) from **August 3, 2026 to August 17, 2026**, conducted by NSIC, Hyderabad. **[PDF]**
- Completed 2 weeks of Professional Training on Machine Learning and Deep Learning (Offline Mode) from **January 20, 2025 to January 31, 2025**, conducted by sVIOS Technologies, Chennai at Government College of Engineering, Dharmapuri. **[PDF]**
- Completed 3 weeks of Industrial Training on AI (Online Mode) from **July 3, 2024 to July 24, 2024** at Tamilnadu Apex Skill Development Centre for Logistics, Oragadam, Chennai – 631604. **[PDF]**
- Completed 2 weeks of Professional Training in "Robotics Process Automation – RPA (Online Mode)" from **May 1, 2024 to May 15, 2024** conducted by National Institute of Electronics and Information Technology (NIELIT) Gorakhpur. **[PDF]**
- Completed 3 weeks of Industrial Training in "Communication and Networking Technologies" from **June 30, 2020 to July 20, 2020** at BSNL Dharmapuri. **[PDF]**

Completed Faculty Development Programme

- Completed NPTEL - AICTE 8 Weeks course (1 Week FDP) on "Database Management System" from **Jul to Sep 2026**. **[PDF]**
- Completed EICTA Consortium (A Joint Initiative of MeitY and IITs, NITs and IIITs) 2 Weeks Faculty Development Programme on "Cybersecurity Intelligence & Ethical Hacking Practices" from **04.05.2026 to 15.05.2026**. **[PDF]**
- Completed NPTEL - AICTE 12 Weeks course (1½ Week FDP) on "Business Intelligence & Analytics" from **Jan to Apr 2026**. **[PDF]**
- Completed NPTEL - AICTE 12 Weeks course (1½ Week FDP) on "Introduction to Large Language Models (LLMs)" from **Jul to Oct 2025**. **[PDF]**
- Completed NPTEL - AICTE 12 Weeks course (1½ Week FDP) on "Computer Vision" from **Jul to Oct 2025**. **[PDF]**
- Completed One-Week Offline Naan Mudhalvan Faculty Development Programme on "Digital Skills" at Government College of Engineering, Dharmapuri from **04/08/2025 to 09/08/2025**. **[PDF]**
- Completed One-Week Offline Naan Mudhalvan Faculty Development Programme on "Node JS, REST API" at Government College of Engineering, Dharmapuri from **28/07/2025 to 02/08/2025**. **[PDF]**

- Completed NPTEL - AICTE 12 Weeks course (1½ Week FDP) on “Deep Learning- IIT Ropar” from **Jan to Apr 2025**. **[PDF]**
- Completed NPTEL - AICTE 12 Weeks course (1½ Week FDP) on “Artificial Intelligence: Knowledge Representation And Reasoning” from **Jan to Apr 2025**. **[PDF]**
- Completed 5 days Faculty Development Program on "Cyber Shield 360: Mastering Network Security & Cybersecurity" conducted by Kriyavan Cyber Forensic Service Pvt Ltd from **March 3, 2025 to March 7, 2025** at Government College of Engineering, Dharmapuri. **[PDF]**
- Completed One-Week Offline Faculty Development Programme on “Microsoft Azure AI Engineer” Conducted by E & ICT Academy from **Feb 3, 2025 to Feb 7, 2025** at Government College of Engineering, Dharmapuri. **[PDF]**
- Completed NPTEL - AICTE 8 Weeks course (1 Week FDP) on “Programming, Data Structures and Algorithms using Python” from **Jul to Sep 2024**. **[PDF]**
- Completed NPTEL - AICTE 8 Weeks course (1 Week FDP) on “Introduction to Machine Learning” from **Jul to Sep 2024**. **[PDF]**
- Completed One-Week Offline Faculty Development Programme on “Industrial IOT” Conducted by Department of Electronics and Communication Engineering, in coordination with eDigiM Research Pvt. Ltd. from **August 5 to August 9, 2024** at Government College of Engineering, Dharmapuri. **[PDF]**
- Completed One-Week Online Faculty Development Programme on “Effective Curriculum Design and Evaluation” Conducted by Curriculum Development Centre Department from **March 18 to March 22, 2024** at NITTTR, Chandigarh. **[PDF]**
- Completed NPTEL - AICTE 8 Weeks course (1 Week FDP) on “Introduction to Soft Computing” from **Jan to Mar 2024**. **[PDF]**
- Completed One-Week Online Faculty Development Programme on “Complex Networks Analysis using Python” Conducted by Computer Science and Engineering Department from **January 15 to January 19, 2024** at NITTTR, Chandigarh. **[PDF]**
- Completed One-Week Online Faculty Development Programme on “Linux Applications in Engineering Education” Conducted by Computer Science and Engineering Department from **November 06, 2023 to November 10, 2023** at NITTTR, Chandigarh. **[PDF]**
- Completed NPTEL - AICTE 8 Weeks course (1 Week FDP) on “Accreditation and Outcome Based Learning” from **Aug to Oct 2023**. **[PDF]**
- Completed NPTEL - AICTE 8 Weeks course (1 Week FDP) on “Data Science for Engineers” from **Jul to Sep 2023**. **[PDF]**
- Completed One-Week Online Faculty Development Programme on “Universal Values and Ethics” Conducted by Education and Educational Management Department from **Aug 21, 2023 to Aug 25, 2023** at NITTTR, Chandigarh. **[PDF]**
- Completed a One-week Faculty Development Program on “Innovative Teaching and Learning Pedagogy” from **24th April 2023 to 28th April 2023** jointly Organized by Parul University-Gujarat, Research Foundations of India & RFI-CARE. **[PDF]**
- Completed a One-week Faculty Development Program on “Machine Learning and Deep Learning: Recent Trends and Applications” from **1st May 2023 to 5th May 2023** Organized by the Department of Computer Science and Engineering, OP Jindal University, Raigarh. **[PDF]**
- Completed a One week International Level Faculty Development Program on “Amazon Web Services” from **22nd August 2022 to 27th August 2022** Organized by CSE Department, Narasus’s Sarathy Institute of Technology, Salem in collaboration with BRAINOVISION SOLUTIONS INDIA PVT. LTD & ALL INDIA COUNCIL FOR TECHNICAL EDUCATION - AICTE, Ministry of Education, India. **[PDF]**
- Completed ATAL - AICTE 1-Week FDP on “Perspectives of Blockchain Integrated with IoT: Challenges and Opportunities” at PSNA College of Engineering and Technology from **July 5, 2021 to July 9, 2021**. **[PDF]**
- Completed one week online FDP on “Reach to Innovative Tech” at G.L. Bajaj

Institute of Technology & Management, Greater Noida from **June 28 to July 2, 2021**. **[PDF]**

- Completed ATAL - AICTE 1-Week FDP on "Cultivating Excellence in Implementation of Computational Science for Scientific and Technological Innovations" at NIT Rourkela from **June 14, 2021 to June 18, 2021**. **[PDF]**
- Completed ATAL - AICTE 1-Week FDP on "Internet of Things (IoT)" at Government College of Engineering, Dharmapuri from **Mar 15 to 19, 2021**. **[PDF]**
- Completed ATAL - AICTE 1-Week Online FDP on "Cyber Security" at NITTTR Chandigarh from **May 28, 2020 to June 1, 2020**. **[PDF]**
- Completed ATAL - AICTE 1-Week Online FDP on "Artificial Intelligence" at MNNIT Allahabad from **May 18, 2020 to May 22, 2020**. **[PDF]**
- Completed ATAL - AICTE 1-Week Online FDP on "Quantum Computing" at NITTTR Chandigarh from **June 15, 2020 to June 19, 2020.** **[PDF]**
- Completed 1 day online FDP on "Machine Learning for Beginners" organized by Sathyabama Institute of Science and Technology on **May 9, 2020**. **[PDF]**
- Completed 1 day online International FDP on "How to Write Effective Case Study?" organized by Atmiya University, Gujarat on **May 2, 2020.** **[PDF]**
- Completed 2 days online FDP on "Design, Develop and Deliver online courses through MOODLE platform" organized by Coimbatore Institute of Technology, Coimbatore from **April 23, 2020 to April 24, 2020**. **[PDF]**
- Completed 2 days online FDP on "Virtual Teaching" organized by Coimbatore Institute of Technology, Coimbatore from **April 20, 2020 to April 21, 2020**. **[PDF]**
- Completed 5 days FDP on "Theory of Computation" organized by Department of computer science and engineering in association with Computer Society of India, conducted from **May 18, 2020 to May 22, 2020**. **[PDF]**
- Completed NPTEL - AICTE 8 Weeks (1 Week FDP) on "Design and analysis of Algorithm" from **Jan to Mar 2020**. **[PDF]**
- Completed NPTEL - AICTE 8 Weeks (1 Week FDP) on "Programming, Data Structures and Algorithms using Python" from **Jan to Mar 2020**. **[PDF]**
- Completed NPTEL - AICTE 12 Weeks course (1½ Week FDP) on "Problem Solving through Programming in C" from **Jul to Oct 2019**. **[PDF]**
- Completed NPTEL - AICTE 12 Weeks course (1½ Week FDP) on "Introduction to Automata, Languages and Computation" from **Jan to Apr 2019**. **[PDF]**
- Completed one week offline FDP on "Graph Theory and Applications" at Kongunadu College of Engineering from **June 14, 2018 to June 20, 2018**. **[PDF]**

Attended Offline Conclaves

- Attended "Campus Career Conclave – 2017" organized by CareerPrime on **July 7, 2017** held at Bengaluru, Karnataka. **[PDF]**
- Attended "Tamilnadu Engineers Conclave' 18" held on **April 21, 2018** at Anna University, Chennai. **[PDF]**

Completed Professional Development Programme

- Completed Capacity Building Program for faculty (sponsored by DOTE, Tamilnadu) from **12.12.2022 to 16.12.2022** in Forge Coimbatore. **[PDF]**
- Completed a one week online Professional Development Programme on "Data Analytics" conducted by NITTTR Chennai from **18.04.2022 to 22.04.2022**. **[PDF]**

Completed Refresher Programme

- Completed Online Two-week Interdisciplinary Refresher Course on "Advanced Research Methodology" organised under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Ministry of Education (MoE), Government of India from **23.01.2024 to 06.02.2024** at Teaching Learning Centre (TLC), Ramanujan College, University of Delhi. **[PDF]**

- Completed AICTE-ISTE Refresher's Programme on "Physiological Control & Internet of Medical Things" held during **17.12.2021 to 23.12.2021** organized by Puducherry Technological University, Puducherry. **[PDF]**
- Completed ARPIT-AICTE (40 hours) one Refresher Course on "Pedagogical Innovations and Research Methodology (Interdisciplinary)" in the proctored examination held on **February 16, 2020**. **[PDF]**
- Completed ARPIT-AICTE (40 hours) one Refresher Course on "Big Data Analytics for Smart Grid" in the proctored examination held on **Feb 16, 2020**. **[PDF]**

Organized FDP/Webinar/Workshop

- Coordinated One Week of Faculty Development Programme on "UI & UX" under the initiative of Tamilnadu Skill Development Corporation from **27.07.2026 to 01.08.2026** at Government College of Engineering Dharmapuri Tamilnadu. **[PDF]**
- Coordinated One Week of Faculty Development Programme on "Battery Management Systems" under the initiative of Tamilnadu Skill Development Corporation from **27.07.2026 to 01.08.2026** at Government College of Engineering Dharmapuri Tamilnadu. **[PDF]**
- Coordinated One Week of Faculty Development Programme on "Cloud Engineering" under the initiative of Naan Mudhalvan from **29.12.2025 to 04.01.2026** at Government College of Engineering Dharmapuri Tamilnadu. **[PDF]**
- Coordinated 3 Days of Workshop on "Machine Learning and Deep Learning with Nvidia Fundamentals" from **24.09.2025 to 26.09.2025** at Government College of Engineering, Dharmapuri, Tamilnadu.
- Coordinated One Week of Faculty Development Programme on "Digital Skills" under the initiative of Naan Mudhalvan from **04.08.2025 to 09.08.2025** at Government College of Engineering Dharmapuri Tamilnadu. **[PDF]**
- Coordinated One Week of Faculty Development Programme on "Node JS, Rest API" under the initiative of Naan Mudhalvan from **28.07.2025 to 02.08.2025** at Government College of Engineering Dharmapuri Tamilnadu. **[PDF]**
- Coordinated Two Weeks of Professional Training on "Machine Learning and Deep Learning" from **20.01.2025 to 31.01.2025** at Government College of Engineering Dharmapuri Tamilnadu. **[PDF]**
- Coordinated the Tamilnadu Government Sponsored One Week Faculty Development Programme on "Machine Learning and Deep Learning: Recent Trends and Applications" from **19.08.2024 to 23.08.2024** in association with Faculty Development Training Centre, Government College of Technology, Coimbatore. **[PDF]**
- Organized a workshop on "Java Spring Boot Microservices" at Government College of Engineering Dharmapuri Tamilnadu" on **September 4, 2023**. **[PDF]**
- Event coordinator for "AWS MACHINE LEARNING" Webinar organized by the "NDLI Club of Government College of Engineering Dharmapuri Tamilnadu" on **29th April 2022**. **[PDF]**

Worked as a Mentor

- Worked as a Faculty Guide in the **Niral Thiruvizha 2.0 (Hackathon)** Competition. **[PDF]**
- Worked as a Mentor for the NPTEL online certification course in "Deep Learning - IIT Ropar" from **Jan 2025 to Apr 2025**. **[PDF]**
- Worked as a Mentor for the NPTEL online certification course in "Programming, Data Structures and Algorithms using Python" from **Jul 2024 to Dec 2024**. **[PDF]**

Industrial Visit with Students

- Two days **(from 16.03.2018 to 17.03.2018)** Industrial Visit in PurplePro InfoTech, Coimbatore with Sixth Semester CSE Students. **[PDF]**
- Three days **(from 06.04.2018 to 08.04.2018)** Industrial Visit in KG Information

Systems Pvt Ltd, Coimabtore with Eighth Semester CSE Students. **[PDF]**

- One day **(on 23.09.2019)** Industrial Visit in Techforge Pvt Ltd, Salem with Third Semester CSE Students. **[PDF]**

Organized Events

- Overall coordinator for "ZYRA26"-National Level Technical Symposium, organized by the "Department of CSE of Government College of Engineering, Dharmapuri, Tamilnadu" on **6th March 2026**. **[PDF]**
- Event coordinator for "Mr. Engineer" at "VIKTA.2-24"-National Level Technical Symposium, organized by the "Department of CSE of Government College of Engineering, Dharmapuri, Tamilnadu" on **8th April 2024**. **[PDF]**
- Event coordinator for "PPT, Coding and Debugging" organized by the "Department of CSE of Government College of Engineering, Dharmapuri, Tamilnadu" on **25th and 26th April 2023**. **[PDF]**
- Event coordinator for "HAR GHAR TIRANGA" Quiz Event organized by the "NDLI Club of Government College of Engineering Dharmapuri Tamilnadu" on **16th August 2022**. **[PDF]**
- Event Coordinator for "C Programming Quiz" Organized by the "NDLI Club of Government College of Engineering Dharmapuri" on **20th Apr 2022**. **[PDF]**
- Event Coordinator for "Python Programming Quiz" Organized by the "NDLI Club Of Government College of Engineering Dharmapuri Tamilnadu" on **22nd April 2022**. **[PDF]**
- Event Coordinator for "Sudoku Puzzle" Organized by the "NDLI Club of Government College of Engineering Dharmapuri Tamilnadu" on **25th Apr 2022**. **[PDF]**
- Event Coordinator for "Technical Quiz" Organized by the "NDLI Club of Government College of Engineering Dharmapuri Tamilnadu" on **27th April 2022**. **[PDF]**
- Event Coordinator for "General Knowledge Quiz" Organized by the "NDLI Club of Government College of Engineering Dharmapuri Tamilnadu" on **29.11.2021**. **[PDF]**

Membership in professional body

- ISTE Membership (Lifetime Membership: LM 128735)
- ISCA Membership (Lifetime Membership Number: L37881)
- IAENG Membership (Lifetime Membership Number: 237380)
- CSI Membership (One Year Membership Number: 2010001033)

Others Contributions

- Exam Supervisor for TNPSC Assistant Jailor Online Exam on **July 1, 2023** at Government College of Engineering Dharmapuri Tamilnadu.
- Exam Supervisor for TRB TET Online Exam from **Oct 14, 2022 to Oct 19, 2022** at Government College of Engineering Dharmapuri Tamilnadu.
- Exam Supervisor for Tamil Nadu Forest Department Online Exam from **Dec 6, 2018 to Dec 11, 2018** at Government College of Engineering, Dharmapuri.
- Single Point of Contact (SPOC) for Naan Mudhalvan Project. **[PDF]** **[PDF]**
- Single Point of Contact (SPOC) for TCS iON Training.
- Project Evaluator for Naalai Thiran IBM Training.
- Project Evaluator for Experienced Based Project Learning IBM NM course.
- Purchase work for CSE Department

Personal Skills

Communication skills Good communication skills.

- The medium of study in UG and PG courses was English.

Managerial Skills Good leadership skills.

- Given responsibility of group leader during my B.E. project which has been completed within an assigned time period.
- Executed duties as class monitor in high and intermediate classes in my school.

Computer Skills Good computer skills.

- Used latex tool for research paper drafting/writing.
- Familiar with C programming tools like CodeBlocks
- Familiar with Windows, Linux operating systems.
- Familiar with Python programming tools like jupyter notebook, Pyhton IDLE, Google Colab Online Software.

Hobbies and Strengths

Hobbies

Social Work
Playing Chess
Listening motivational speech
Teaching

Strengths

Always ready for improvement
Believe in teamwork and individuality
Keen to learn new thing
Believe in hard work and honesty

Declaration

I here declared that all the above information provided by me is true, complete and correct to the best of my knowledge and can be supported with reliable documents when needed.