



greeshmakv@gmail.com

+91 9633793255

+91 9744602388

Permanent Address

Kanakkassery (H), Elinjipra P O
Chowka, Chalakudy - 680721

Personal Details

Date of Birth: 15-06-1989

Sex: Female

Marital Status: Married

Nationality: Indian

Languages Known

English, Malayalam, Hindi

Research Interests

- *Image Processing*
- *Deep Learning*
- *Machine Learning*
- *Data Mining*
- *Pattern Recognition*
- *Artificial Intelligence*
- *Computer Vision*
- *Big Data*

Areas of Expertise & Duties

- *Moodle Administrator*
- *Coursera Administrator*
- *IQAC Team Coordinator*
- *Head of the Department*
- *Classroom Management*
- *Digital Teaching*

Personal Skills

- Problem Solving Skills
- Creativity
- Self-Confidence
- Determination
- Hard-working
- Team Leadership

GREESHMA K V

MCA, PGDCA, M.Phil., NET

CAREER OBJECTIVE

To pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in the computing and research field with sheer determination, dedication and hard work.

CAREER HISTORY

- Currently working as an Assistant Professor (Cyber Security and Cyber Forensics) to the M.Sc. Forensic Science Programme, Kerala Police Academy, Thrissur. (10-03-2022 to continue)
- Assistant Professor on contract, Department of Computer Science, St. Joseph's College (Autonomous), Irinjalakuda. (04-10-2021 to 09-03-2022)
- DD Guest, Department of Computer Science, Carmel College, Mala. (01-11-2020 to 31-03-2021)
- Assistant Professor & HOD, Department of Computer Science, Carmel College, Mala. (01-06-2020 to 31-10-2020)
- DD Guest, Department of Computer Science, Carmel College, Mala. (06.06.2019 to 31.03.2020)
- Guest Lecturer, Department of Computer Science, Carmel College, Mala. (01.06.2015 to 31.03.2017)
- Computer Teacher, +2 Computer Science, St. Antony's English Medium School, Puthenvelikara. (07.05.2012 to 31.03.2014)

ACADEMIC QUALIFICATIONS

- Pursuing **Ph.D. in Department of Computer Science** from Bharathiar University at PSGR Krishnammal College for Women, Coimbatore.
- Qualified **NET in Computer Science and Applications** June 2019
- **Master of Philosophy (M.Phil.)** in Computer Science and I.T. from Amrita Vishwa Vidyapeetham University (2019).
Paper Title: "Soft Computing Approaches for Fashion-MNIST Image Classification"
Institute: Amrita School of Arts and Sciences, Kochi, Amrita Vishwa Vidyapeetham.
- **Master of Computer Applications (MCA)** in Computer Science from IGNOU University with First Class (2014).
Institute: S.H. College, Chalakudy.
- **Post Graduate Diploma in Computer Applications (PGDCA)** in Computer Science from IGNOU University with First Class (2013).
Institute: Sacred Heart College, Chalakudy.
- **Bachelor of Computer Applications (BCA)** from Mahatma Gandhi University with First Class (2009).
Institute: Nirmala College of I.T., Chalakudy.
- **Plus Two** in Computer Science (2006).
Institute: S.H.C.G.H.S.S., Chalakudy.
- **S.S.L.C.** (2004).
Institute: S.H.C.G.H.S.S., Chalakudy.

AWARDS & RECOGNITIONS

- **Prestigious IRDP – “Dr. Sarvepalli Radhakrishnan Lifetime Achievement National Award 2021”** from **IRDP Group of Journals** for the outstanding excellence and remarkable achievements in the field of Teaching, Research and Publications.
- **Global Eminent Researcher Award** from **VIJ Trust**.
- **Best Outstanding Young Research Scholar National Award 2021** from **Kamarajar Institute of Education and Research (KIER)** for my outstanding performance.

RESEARCH PUBLICATIONS

International Journals

1. **Greeshma K V, J Viji Gripsy**, “Image Classification using HOG and LBP Feature Descriptors with SVM and CNN”, “**International Journal of Engineering Research & Technology**”, Vol. 8, Issue. 12, December 2019.
2. **Greeshma K V** “Methods and Techniques for Brain Image Segmentation”, “**International Journal of Engineering Research & Technology**”, Vol. 8, Issue. 12, December 2019.
3. **Greeshma K V** and Sreekumar K, “Hyperparameter Optimization and Regularization on Fashion-MNIST Classification”, **International Journal of Recent Technology and Engineering (IJRTE)**, Volume-8 Issue-2, July 2019.
4. **Greeshma K V** and Sreekumar K, “Fashion-MNIST Classification Based on HOG Feature Descriptor Using SVM”, **International Journal of Innovative Technology and Exploring Engineering (IJITEE)**, Vol. 8, Issue. 5, March 2019.
5. Loshima Lohi and **Greeshma K V**, “Big Data and Security”, **International Journal of Engineering Research & Technology**, Vol. 4, Issue. 06, NSDMCC – 2015.
6. **Greeshma K V**, “Crypto Currencies and Cybercrime”, **International Journal of Engineering Research & Technology**, Vol. 3, Issue. 30, RTPPTDM – 2015.
7. **Greeshma K V**, “5G – Future of Mobile Internet”, **International Journal of Engineering Research & Technology**, Vol. 3, Issue. 28, NSRCL – 2015.

National Journals

1. **Greeshma K V**, Jasmine Jose and Loshima Lohi “Mobile App Security – Common Security pitfalls in Mobile apps”, **Proceedings of the National Workshop on Linux and Open Source Tools**, conducted by the Department of Computer Science, KKTU Government College, Pullut, pp.49-55, March 2016.
2. **Greeshma K V**, “Android OS”, **Carmel Blaze: A journal of Multidisciplinary Research**, Vol. 8, Issue. 1, pp.197-206, July 2016.
3. **Greeshma K V**, “Cloud Computing”, **Carmel Blaze: A journal of Multidisciplinary Research**, Vol.7, Issue. 1, pp.193-210, July 2015.

BOOK CHAPTERS

- **Greeshma K V, J Viji Gripsy**, “A Review on Classification and Retrieval of Biomedical Images Using Artificial Intelligence”, **The Fusion of Internet of Things, AI, and Cloud Computing in Health Care: Opportunities and Challenges**, IOT2020 (Book series for Internet of Things - Technology, Communications and Computing), **Springer**, August 2021.

WEBINARS ORGANIZED

- **International Webinar on Cyber Security: Career Opportunities** organized by the Department of Computer Science, **Carmel College, Mala** on 29.01.2021.
- **Webinar on AI – An Approach to Build Cognitive Computing Capabilities** organized by the Department of Computer Science, **Carmel College, Mala** on 28.11.2020.

RESOURCE PERSON

- **Entrepreneurship Skillsets Programme** by **Udhyam Youth Engagement** held at Carmel College, Mala from 24.02.2021 to 09.03.2021.
- **One Week Student Development Workshop** on “**Moodle-ing Learning Management System**” organized by the Department of Sociology, **Carmel College, Mala** from 29.06.2020 to 03.07.2020.

LICENSES & CERTIFICATIONS

- **Certified Digital Teacher, ICT Academy**
- **One Week Online Certificate Course** on “**Digital Teaching Techniques**” organized by **ICT Academy** from 27.07.2020 to 01.08.2020.
- The **Technical Training Program** on **MATLAB Programming & Image Processing (Code I)** conducted by **IETE-Mumbai** in association with **Pantech Learning** from 13.07.2020 to 17.07.2020.
- Two weeks **MOOC Course** (with e-certification) on “**Online Learning and Content Development**” from 18.04.2020 to 02.05.2020 organized by **FLAIR Kerala, Directorate of Collegiate Education, Kerala**.
- **Online Internship Programme** on “**Network Configurations, Cloud Storage, Game Development (NCCSGD)**” through online, organized by Department of Computer Science and Applications, **St. Peter’s Institute of Higher Education and Research, Avadi** held between 03.04.2020 and 13.04.2020.

Coursera Certifications

1. **COVID19 Data Analysis Using Python** - An online non-credit course authorized by **Coursera Project Network** and offered through Coursera - coursera.org/verify/FVMZ3ULE9W5J
2. **Image Processing with Python** - An online non-credit course authorized by **Coursera Project Network** and offered through Coursera - coursera.org/verify/LWDCAKEHMLK8
3. **COVID19 Data Visualization Using Python** - An online non-credit course authorized by **Coursera Project Network** and offered through Coursera - coursera.org/verify/A4F3QYEKTJ3
4. **Image Classification with Amazon Sagemaker** - An online non-credit course authorized by **Coursera Project Network** and offered through Coursera - coursera.org/verify/TJW2NTT8RP98
5. **Programming for Everybody (Getting Started with Python)** - An online non-credit course authorized by **University of Michigan** and offered through Coursera - coursera.org/verify/RQ9UQBBBWGQY
6. **Semantic Segmentation with Amazon Sagemaker** - An online non-credit course authorized by **Coursera Project Network** and offered through Coursera - coursera.org/verify/2RAPA7CJLESA
7. **Support Vector Machines in Python, From Start to Finish** - An online non-credit course authorized by **Coursera Project Network** and offered through Coursera - coursera.org/verify/3Q7DMPP7K5KW
8. **Facial Expression Classification Using Residual Neural Nets** - An online non-credit course authorized by **Coursera Project Network** and offered through Coursera - coursera.org/verify/K54EZEBXWBHR
9. **Programming for Everybody (Getting Started with Python)** - An online non-credit course authorized by **University of Michigan** and offered through Coursera - coursera.org/verify/RQ9UQBBBWGQY
10. **Detecting COVID-19 with Chest X-Ray using PyTorch** - An online non-credit course authorized by **Coursera Project Network** and offered through Coursera - coursera.org/verify/NEZ4XAYY6N8W
11. **Linear Regression with NumPy and Python** - An online non-credit course authorized by **Rhyme** and offered through Coursera - coursera.org/verify/SBTU2QHM9UL3

12. **Video Basics with OpenCV and Python** - An online non-credit course authorized by **Rhyme** and offered through Coursera - coursera.org/verify/3VCTZ7KTPBLK
13. **Computer Vision - Object Tracking with OpenCV and Python** - An online non-credit course authorized by **Rhyme** and offered through Coursera - coursera.org/verify/7G6GM6BBZUZH
14. **Computer Vision - Object Detection with OpenCV and Python** - An online non-credit course authorized by **Rhyme** and offered through Coursera - coursera.org/verify/VTW3E7JKUKHM
15. **Traffic Sign Classification Using Deep Learning in Python/Keras** - An online non-credit course authorized by **Rhyme** and offered through Coursera - coursera.org/verify/JAU8V3V5JGRU
16. **Basic Image Classification with TensorFlow** - An online non-credit course authorized by **Rhyme** and offered through Coursera - coursera.org/verify/R7TUULBXG7MJ
17. **Facial Expression Recognition with Keras** - An online non-credit course authorized by **Rhyme** and offered through Coursera - coursera.org/verify/PS8F9TQ4BJE6
18. **Image Denoising Using AutoEncoders in Keras and Python** - An online non-credit course authorized by **Rhyme** and offered through Coursera - coursera.org/verify/XMTLLZTSERGL
19. **Classification with Transfer Learning in Keras** - an online non-credit course authorized by **Rhyme** and offered through Coursera - coursera.org/verify/EJTXG794U7F9
20. **Image Data Augmentation with Keras** - An online non-credit course authorized by **Rhyme** and offered through Coursera - coursera.org/verify/HTXN7J67PF33
21. **Image Classification with CNNs using Keras** - An online non-credit course authorized by **Rhyme** and offered through Coursera - coursera.org/verify/FZE9QKZBHHRT
22. **Computer Vision - Image Basics with OpenCV and Python** - An online non-credit course authorized by **Rhyme** and offered through Coursera - coursera.org/verify/9KD7CVW4YG4M

FACULTY DEVELOPMENT PROGRAMMES ATTENDED

1. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on **“Object Identification and Image Intelligence a Practical Approach”** from 25.10.2021 to 29.10.2021 at Women’s Polytechnic.
2. National Level FDP on **“Medical Image Processing Using Artificial Intelligence”** organized by the Department of Information Technology of **Easwari Engineering College** from 22nd March 2021 to 26th March 2021.
3. One-week Online FDP on **“Teachers – The Transformational Leaders”** conducted by the IQAC, **Carmel College, Mala** from 17.08.2020 to 21.08.2020.
4. Online FDP on the topic **“Deep Learning with Tensorflow”** from 22.07.2020 to 24.07.2020 organized by Division of Computer Science and Engineering, **CUSAT**.
5. One Week Online Faculty Enrichment Programme on Moodle **“Changing Platforms: Transitioning to Digital Teaching”** with (e-certification) from 03.06.2020 to 09.06.2020 organized by Department of Computer Science and IQAC, **Vimala College (Autonomous), Thrissur**.
6. FDP on **“Innovative Teaching & Learning Methods”** on 20th and 21st May 2020 organized by PG Department of Commerce and Research Centre, **St. Xavier’s College for Women, Aluva**.
7. One Day FDP on **“Free and Open Access Resources for Teaching, Learning and Research”** organised by Department of Business Administration, **Sri Adi Chunchanagiri Women’s College, Cumbum** held on 20.05.2020.
8. Four Days International FDP on **“Current Technologies in IT Industries”** organized by ISO & Department of Computer Science, **Nallamuthu Gounder Mahalingam College, Coimbatore**, from 14.05.2020 to 18.05.2020.
9. **One Day FDP** on **“Cyber Security”** organized by **Vignana Bharathi Institute of Technology, Hyderabad** on 14th May 2020 in collaboration with **Indian Servers, Hyderabad & Vijayawada**.
10. **7 Days FDP** on **“R Programming”** from 04.05.2020 to 10.05.2020 organized by Department of Computer Science, **St. Joseph’s College (Autonomous), Irinjalakuda**, in association with Spoken Tutorial, IIT Bombay.

11. FDP on “**Moodle**” from 04.05.2020 to 09.05.2020 organized by **Tagore Institute of Engineering and Technology**, Attur in association with **Spoken Tutorial, IIT Bombay PMMMNMTT, MHRD**, Govt. of India.
12. FDP on **LaTeX through Spoken Tutorial Project – IIT, Bombay** conducted by **Vellalar College for Women (Autonomous), Erode** from 27.04.2020 to 29.04.2020
13. **Two Weeks FDP on “Managing Online Classes and Co-creating MOOCS”** organized by Teaching Learning Centre, **Ramanujan College**, University of Delhi sponsored by **MHRD Pandit Madan Mohan Malviya National Mission on Teachers and Teaching** from 20.04.2020 to 06.05.2020.
14. FDP on “**R Programming**” organized by **Spoken Tutorial Project, IIT Bombay** from 19.04.2020 to 24.04.2020 remotely at **Sri Krishna Arts and Science College, Coimbatore**.

SEMINARS ATTENDED

International Seminars

1. **International Seminar on Interdisciplinary Developments in Cancer Research**, jointly organized by Department of Computer Science, Department of Biotechnology & The Research Centre, St. Joseph’s College (Autonomous), Irinjalakuda, January 28-29, 2020.

National Seminars

1. **Virtual Seminar** on the topic “**PhD Research Opportunities in US**” organized by Department of Computer Science in Collaboration with the Research Centre, St. Joseph’s College (Autonomous), Irinjalakuda on 19th February 2021.
2. **Virtual Seminar** on the topic “**Smarter Manufacturing – Textile Defect Detection Using AI**”, organized by Department of Computer Science & B. Voc Software Development, St. Joseph’s College (Autonomous), Irinjalakuda on 9th February 2021.
3. **Virtual Seminar** on the topic “**Artificial Intelligence in Talent Management**”, organized by Department of Computer Science & B. Voc Software Development, St. Joseph’s College (Autonomous), Irinjalakuda on 8th February 2021.
4. **Virtual Seminar** on the topic “**Effect of Organizational Culture on AI Implementation**”, organized by Department of Computer Science & B. Voc Software Development, St. Joseph’s College (Autonomous), Irinjalakuda on 4th February 2021.
5. **Virtual Seminar** on the topic “**Conversational AI Research and Engineering**”, organized by Department of Computer Science & B. Voc Software Development, St. Joseph’s College (Autonomous), Irinjalakuda on 2nd February 2021.
6. **National Seminar on Data Analytics & Research Methodology** organized by Department of Computer Science, Carmel College, Mala, on 10th January 2020.
7. UGC Sponsored **National Seminar on Big Data Analytics**, organized by the Department of Computer Science, Sacred Heart College, Chalakudy, during November 12-13, 2015.
8. UGC Sponsored **National Seminar on Data Mining in Cloud Computing**, organized by the Department of Computer Science and Applications, St. Mary’s College, Thrissur, during October 8-9, 2015.
9. UGC Sponsored **National Seminar on Resurgence of C Language**, organized by the Department of Computer Science, Carmel College, Mala, during July 31 - August 1, 2015.
10. UGC Sponsored **National Seminar on Recent Trends for Privacy Preservation Techniques in Data Mining**, organized by the Department of Computer Science, St. Joseph’s College, Irinjalakuda, during July 7-8, 2015.

State-Level Seminars

- One day Seminar on “**Research Methodology**” organized by research cell and IQAC, **Carmel College, Mala** on 23rd March 2021.

WEBINARS ATTENDED

- **Two Day International Awareness Webinar on “Understanding Misinformation: Intervention Strategies and Ideas”**, organized by the Department of Computer Science, University of Calicut held during 19th – 20th February 2021.

CONFERENCES ATTENDED

- **National Conference on Big Data Analytics for Industry 4.0**, organized by Department of Computer Science, St. Joseph’s College (Autonomous), Irinjalakuda, in association with CSCTA on 27th September 2019.

WORKSHOPS ATTENDED

1. **Three Days Hands-on Workshop on "Deep Learning for Computer Vision and Time Series Data Analysis"** organized by Department of Computer Science and IT, Amrita School of Arts and Sciences, Kochi, on virtual mode from 4th to 6th March 2021.
2. **Two Days DST-SERB sponsored National Workshop on “Deep Learning for Image Processing Applications”** organized by the Department of Computer Science, **Pondicherry University**, Puducherry on 28.01.2021 and 29.01.2021.
3. **Two Week Online Workshop on “Comprehensive e-Learning to e-Training guide for Administrative Work”** organized by Teaching Learning Centre, **Ramanujan Colege**, University of Delhi sponsored by **MHRD Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching** from 25.05.2020 to 05.06.2020.
4. **Workshop on Data Science Using Python** conducted by **360DigiTMG**, India from 11.05.2020 to 15.05.2020.
5. **Online National Workshop on “Fine Tuning Research Planning Using Elsevier Tools: Science Direct, Scopus and Mendely”** organized by Research Development Committee, **K. J. Somaiya College of Science and Commerce** in collaboration with **Elsevier** on 25th April 2020.
6. **Two Day National Hands-on Workshop on Deep Learning** organized by Department of Computer Science and IT in association with Computer Society of India (CSI) and Amrita Centre for Research and Development (ACRD), Amrita School of Arts and Sciences, Kochi, during February 22-23, 2019.
7. **Two Day Hands-on Workshop on Introduction to Machine Learning using Python** organized by Department of Computer Science and IT in association with Computer Society of India (CSI), Amrita School of Arts and Sciences, Kochi, during October 5-6, 2018.
8. **Two Day Hands-on Workshop on Python – Programming tool for Data Science** conducted at Amrita School of Arts and Sciences, Kochi, in association with Computer Society of India (CSI) on August 3-4, 2018.
9. UGC Sponsored **National Workshop on Linux and Open-Source Tools** organized by the Department of Computer Science, **KKTM Government College**, Pullut, on March 17-18, 2016.

IT TECHNICAL SKILLS

1. Programming Languages – C, C++, VB, VB.Net, Java
2. Databases – MySQL, MS Access, SQL Server
3. Web Technologies – HTML, CSS, PHP
4. Operating System – Windows 10, Windows 7, Android OS
5. Research Utilities – Python, MATLAB, R

RESEARCH AND SOCIAL PROFILES

- Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57207827443>
- Google Scholar: <https://scholar.google.com/citations?user=iUDPBUwAAAAJ&hl=en>
- ReasearchGate: https://www.researchgate.net/profile/Greeshma_K_V
- ORCID: <https://orcid.org/0000-0002-4558-6936>
- Vidwan: <https://vidwan.inflibnet.ac.in//profile/198091/>
- LinkedIn: <https://www.linkedin.com/in/greeshma-k-v-9b28a08a/>
- Website: <https://sites.google.com/view/greeshmakv>

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date: 24/06/2022

Greeshma K V