Dr. P.Felcy Judith Professor MCA, M.Phil, Ph.D, M.Sc(Psy),(MBA)
Email: felcyjudith@tjohngroup.com
Experience: 20 Years of teaching Experience

I am an experienced academic professional with over 20 years in the field of teaching. My journey has been dedicated to empowering students through knowledge and mentorship. I specialize in Artificial Intelligence, Software Engineering, Operating System, with a passion for curriculum development and innovation in pedagogy. Over the years, I have held various academic and administrative roles in reputed institutions. I believe in fostering a student-centred learning environment that encourages critical thinking and creativity.
I have actively contributed to research, faculty development, and institutional growth. Continuous learning and professional development have been the cornerstones of my career.

Seminars / Conferences / Workshops Attended:

- National level workshop on" Internet of Things for Smart Cities",14 & 15 December,2017, Bangalore, India.
- Faculty Development Program on "Applied AI: Practical Implementations" under TechSaksham Program from "18th Nov 2024 - 22nd Nov 2024".edunet.
- One Day Multidisciplinary International Conference on **"Impact of Social Media on Society" Sambhajirao Kendre Mahavidyalaya, Jalkot, Maharashtra, India.**
- **Five Day Faculty Development Program on "New Pedagogies: Creative Learning & Creative Teaching – A Futuristic Approach" organised by Dashmesh Khalsa College, Zirakpur**

Papers Presented:

- Domain Specific Modeling Framework for Agent Development" in 4th IEEE International Conference on Computing, Communication and Networking Technologies ICCNT-2013 at Tiruchengode on 4th to 6th July 2013.
- "Creating Agent Models for Outsourcing Management System" in International Conference on Science and Innovative Engineering and Technology, Chennai,March 31, 2012
- "Modeling Agent Development Framework for Outsourcing Management" in International Conference on Recent Trends in Computer Science hosted by Recent Science Chapter, Anna University Chennai on July 2,2012

- "Modeling Agent Communication Framework For OMS" in National Conference on Advance in Computing, Control, Communication, Automation and Structural Engineering (ACCCAS) at Al-Ameen Engineering College, Erode on March 10 2012. ISBN No. 978-81-923290-0-0.
- "Developing Goal Based Modeling Framework for Agent Development" in 2nd National Conference on Recent Advances in Technology and Engineering (RATE 2013) at T.John Institute of Technology, Bangalore, on 28th March 2013

Paper Publication:

1. **"Advancing Precision Agriculture with Multi-Agent Systems: AI-Driven Crop Monitoring, Soil Analysis, and Yield Prediction "I**nternational Journal of Advance & Applied Research (IJAAR). ISSN 2347-7075. Impact Factor **8.141** Volume - 12 Issue- 4 Date- Mar-Apr 2025
2. **"Optimizing Agricultural Water Use With Multi-Agent Systems In Drip And Advanced Irrigation Methods"** International Journal of Advance Research in Science and Engineering IJARSE (ISSN: 2319-8354) Volume. No. 13, Issue No. 06, June 2024 Volume. (Page: 22-31)
3. **"Leveraging Multi - Agent Systems for Efficient Grazing Management "** International Journal of Science and Research (IJSR) ISSN: 2319-7064 SJIF (2022): 7.942
4. "**AI Technologies For Livestock Health Monitoring And Diagnosis**" International Journal of Arts & Education Research IJAER ISSN: 2278-9677 May-June 2023/Volume-12/Issue-3
5. **"Leveraging Multi-Agent Systems for Efficient Grazing Management"** International Journal of Advances in Engineering Architecture Science and Technology IJAEAST ISSN: 2583-7346 DOI:, June-2023, Volume-1, Issue-3, pp. 93-98
6. "**Safeguarding Wireless Networks in IoT with Sophisticated Privacy Optimization Approach "**6th International Conference on Electronics, Communication and Aerospace Technology ICECA 2022 1-3, December 2022-IEEE
7. "**Develop Iot Technology To Scale Up Existing Treatment Options To Provide A Healthcare Solution**"Bulletin of Environment,, Pharmacologyand Life Sciences [[BEPLS]] Website: www.bepls.com Online ISSN 2277-1808 Impact Factor: 0.971 [UIF, Germany] Global Impact Factor 0.876 [Australia] Scientific Journal Impact Factor: 2.59 [Canada] Scientific Indexing Services Impact Factor: 0.982 [USA] COSMOS Impact Factor : 4.032 NAAS Rating 4.95
8. **"Amelioration Of Machine Learning And Artificial Intelligence In Medical Management (A Case Study On The Pandemic Of Covid 19 Cases In Asia)** "Vol. 9 No. 1 (2021) Journal of Information Technology in Industry

9. **“An Empirical Study on How Machine Learning Is Used To Bring Quality in Education “**International Journal of Computer Science Trends and Technology (IJCST) – Volume 8 Issue 2, Mar-Apr 2020

10. **“Role Of Multi-Agents In Smart City – A Study “** International Journal of Engineering Applied Sciences and Technology, in IJEAST 2020 Vol. 5, Issue 2, ISSN No. 2455-2143, Pages 353-355
11. **“Understanding Multi-Agent Capability in Solving Complex Problem like Traffic Management** “May 2019 International Journal of Innovative Research in Technology IJIRT | Volume 5 Issue 12 | ISSN: 2349-6002

12. **“Data Leakage threats and measures to overcome it"**, International Journal Of Engineering Development And Research IJEDR, ISSN:2321-9939, Vol.7, Issue 3, page no.142-144, July 2019
13. **“A Review of Clustering, its Types and Techniques**”, International Journal of Innovative Science and Research Technology”, Volume 3, Issue 6, ISSN No:-2456-2165, June – 2018

14. DIGITaL InDIa–a unIquE IDEnTITY M Jayaprabha, Felcy Judith TJGAJ Vol. 11 No. 1 JAN-2016

15. **“Tackling Software Complexity Using Model Driven Multi Agent System”** (IJCTA) ISSN: 2229-6093 volume 5(1) (Jan-Feb2014).
16. “**Domain specific modeling framework for agent development** “2013 Fourth International Conference on Computing, Communications and Networking Technologies (ICCCNT) IEEE

17. **“Implementing KQML Performatives for Outsourcing Management System”** is accepted for publication in International Journal of Computer Technology and Applications (IJCTA) ISSN: 2229-6093, volume3(2), (March-April 2012)

18. **“Modelling Agent Communication Framework For OMS**” in National Conference on Advance in Computing, Control, Communication, Automation and Structural Engineering (ACCCAS) at Al-Amen Engineering College, Erode on March 10 2012. ISBN No. 978-81-923290-0-0.

Patent:

- SUPPORT VALUE BASED CONVOLUTIONAL NEURAL NETWORKS SYSTEM FOR INTERNET OF THINGS 4. ADDRESS FOR CORRESPONDENCE OF APPLICANT / AUTHORISED PATENT AGENT Application No.202041043751 A Publication Date : 16/10/2020.
- A NOVEL IMPROVED EDGE DETECTION SYSTEM FOR COLOUR IMAGES WITH FUZZY ENTROPY Application No.202041054098 A Publication Date : 08/01/2021
- ARTIFICIAL INTELLIGENCE-DRIVEN SYSTEM FOR CONTEXTUAL UNDERSTANDING AND TRANSLATION OF ENGLISH IDIOMS AND PHRASES INDIAN PATENT 202541024377 A : 28/03/2025
- AI-POWERED PLATFORM FOR PERSONALIZED ENGLISH LANGUAGE LEARNING AND PROFICIENCY ASSESSMENT 202541038286 16/05/2025.

Awards:

- Innovative Technological research & dedicated Computer Science teaching professional" by innovative scientific research professionals- Malaysia.
- Chanakya Award-2022 by ICERT **International Conference on Innovative Research in Engineering and Technology (ICIRET – 22)**
- I2OR National Eminent Academic Leader Award 2020