Name : Mrs. T. HASHNI

Designation : Assistant Professor

Department : Artificial Intelligence & Machine Learning

Qualification : M.Sc., M.Phil., (Ph.D)

Experience : Teaching: 11 Years   Industry: 6 Months

Area of Specialization(s) : Bio-Inspired Computing

Email (Official ID) : hashni.t@drngpasc.ac.in

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M.Phil	Computer Science	Bharathiar University	2012
M.Sc	Information Technology	Bharathiar University	2010
B.Sc	Computer Science	PSGR Krishnammal College for Women	2008

Additional Qualifications

Diploma / Vocational/ Certification	Area of Specialization	Institution / University / Agency Name	Year
Diploma of Completion	**AI Computer Vision**	UiPath	2021
Certification	**DEV236X: Introduction to Python: Absolute Beginner**	Microsoft corporation	2018
Certification	**Biopython**	Spoken Tutorials, IIT Bombay	2017
Practice Oriented Certificate course	**PC - Hardware Engineering**	SI'TARC Institute	2006

Research Publications (Indexed)

International

- "**IoT & AI in Smart Farming: Implications and Challenges**", 7th International Conference on Communication and Electronics Systems (ICCES), July 2022, pp. 501-505, IEEE, DOI: 10.1109/ICCES54183.2022.9835812.

- "**Smart Farming Approaches Towards Sustainable Agriculture-A Survey**", Third International Conference on Intelligent Computing, Information and Control Systems, March 2022, pp. 695-714, Springer Nature, DOI: 10.1007/978-981-16-7330-6_52

- "**Wireless Sensor Network Impact on Human Life**", Multi-Disciplinary Application Perspective in IoT Vol. 68 No. 19, 2020, Our Heritage Journal, ISSN: 0474-9030

- "**A Superlative Approach for Clustering Techniques**", International Journal of Computer Science & Information Technology, Vol 3, No.2, pp. 45-52, August 2013, ISSN:2230-7621.

- **"A Study of Efficient And Effective Approaches In Nature-Inspired Techniques for Solving Optimization Problems",** International Journal of Advanced Research in Computer Science (IJARCS), Vol 4, No.2,pp. 143-145, Jan-Feb 2013, ISSN:0976-5697.

- **"Relative Study of CGS with ACO and BCO Swarm Intelligence Techniques"**, International Journal of Computer Technology & Applications (IJCTA), Vol 3(5),pp.1775-1781,Septermber-October 2012,ISSN:2229-6093.

- **"Solving Quadratic Assignment Problems Using a Hybrid Nature-Inspired Technique"**, International Journal of Current Research (IJCR), Vol.4,Issue 02,PP.216-221,February 2012,ISSN:0975-833X.

Presentation/ Participation in Conference

International /National

- **Participated** in the Two Day NAAC Sponsored International Conference on "**Designing New Pedagogies in Higher Education: A Driving Force to achieve sustainable development Goals**", PSGRKC, January 2023.

- "**IoT & AI in Smart Farming: Implications and Challenges,**" 7th International Conference on Communication and Electronics Systems (ICCES-2022), PPG Institute of Technology held during June 2022.

- **"Exploring the trends of virtual reality support system in education"**, International Conference on Intelligent Computing and Technology ICICT-2022, Sri Ramakrishna College of Arts & Science, March 2022.

- **"Robotic Process Automation and Artificial Intelligence 4.0",** National Conference on Applications of Intelligent Robotic Process Automation, PSGRKCW, March 2022

- **"Image Processing"** International Conference on Trends and Innovations in Computer Science and Applied Mathematics - TICSAM 2022, Sri Ramakrishna College of Arts & Science, May 2022.

- **"Smart Farming Approaches Towards Sustainable Agriculture-A Survey",** Third International Conference on Intelligent Computing, Information and Control Systems, CARE college of Technology held during July2021.

- **"Data Mining Fraud Detection"**,10th National Conference on "Machine Learning and Smart Technology, Sri Krishna Arts and Science College held during February 2020.

- "**Artificial Intelligence in Military**", Two day National Conference on Emerging Trends in Mathematics with Computer Applications (ETMCA-19),Dr.N.G.P arts and science college, September 2019.

- "**Automatic Smart Parking system using IoT** ", National Conference on Recent Trends in Computing Technologies, Department of CS, PSGRKCW held during September 2018

- **Participated** in the **International Conference on Intelligent Computing Applications** held at Bharathiar University, Coimbatore, during 6-7 March 2014.

- "**A Versatile Approach for Scheduling Using Bee Colony Optimization (BCO) Algorithms**", Second National Conference on Intelligent Computing (SNCIC-2011),K.S.Rangasamy College of Arts and Science, July 2011.

- **Participated** the Two days Conference on "**Distributed Services and Applications Using Grid and Cloud Computing**", Centre for Computer Applications, VLB Janakiammal College of Engineering and Technology, March 2011.

- "**Software Agent Based Scheduling in Grid Computing- A brief Study**", National Conference on Recent Advances in Statistics and Computer Applications (RASCA-2010), Bharathiar University, December 2010.

Participation in Faculty Development Training

- **Two-day FDP on "Design Thinking",** organised by Internal quality Assurance cell, PSGRKCW.

- **Inter-departmental FDP on "Applications of Artificial Intelligence and Machine learning",** organized by Department of Computer Science, PSGRKCW.

- **Two-day National FDP on "Plagiarism in Academic Research & Author Identifiers",** organized by Indian Institute of management and Commerce.

- **Two-days FDP on" People Empowering People"** Conducted by **ICT Academy** of Tamil Nadu.

- "**New Faculty Induction Programme**" Organized by Confederation of Indian Industry (**CII**) Erode Zone.

- Three days "**FDP-an intensive training program**" on achieving learning objectives & a greater inner drive for touching excellence conducted by ZEAL.

- **One day Faculty Development Program on "Image Processing and Computer Vision Using MATLAB",** Coimbatore Institute of Engineering and Technology (CIET).

- **Faculty Development Program on "Role of AI in IoT Applications",** organised by MEASI Institute of Information Technology.

- **Online Faculty Development Programme on "Machine Learning – The Next Generation Aspects",** Dr. SNS Rajalakshmi College of Arts & Science, Coimbatore

Participation in Workshop

- **Seven Day National Workshop on** "**POST NAAC Quality Enhancement in Higher education institutions,** organized by Avinashilingam University for Women.

- **Two Day National Workshop on** "**Quality Assessment and Accreditation under Revised Accreditation Framework",** organized by Avinashilingam University for Women.

- **International Virtual Workshop on "The LATEX Tool for writing Research outcomes in Right Way'",** organized by Department of Computer Science and Applications, Periyar Maniammai Institute of Science and Technology.

- **Three Day's International Online Workshop on "Data management and Analysis Using R Commander ",** organized by Institute for Statistics and Analytical Research (ISAR), Chennai

- **One-day National Workshop on "Research Article Writing and publishing with Citation",** Department of Computer Science, Information technology and Computer Applications PSGRKCW

- **Two-days hands-on "Workshop on Python for Research"**, Department of Computer Applications, Bharathiar University.

- **One-Day workshop on** "Web Designing Techniques and Trends", Department of Computer Science, PSGR Krishnammal College for Women.

Participation in Training

- **Training Programme on "Weather and Climate from common man's perspectives"**, Agro Climate Research Centre, Tamil Nadu Agricultural University, Coimbatore

- **Three days Residential Training Programme on "Teacher Skill Enhancement"** held at Karl Kubel Institute (KKID), Mankarai .

Academic Distinctions

- Core Team Member of the Internal Quality Assurance Cell (IQAC) at PSGR Krishnammal College for Women.

- Supported Academic Council, Academic and Administrative Audit (AAA) activities.

- Board of Studies member for the Department of Information Technology at PSGR Krishnammal College for Women.

- Coordinate as Mentor in UiPath Certified RPA Associate (UiRPA) under Honeywell Student Empowerment Program.

- Technology Coordinator for TEDx Programme.

- Handled Civil service coaching classes – PSGRKCW.

- Coordinator for various National and International Conference/FDP/Workshop/Seminar.

Awards / Honors

Awards / Honors	Agency / Institute	Year of Award
University 1st Rank Gold Medalist in M.Sc. Information Technology	Bharathiar University	2010
Long-Term Service	PSGRKW	2023