

**Name** : B. KALAIVANI  
**Designation** : Assistant Professor  
**Department** : Artificial Intelligence and Machine Learning  
**Qualification** : MCA, M.Phil., (Ph.D.)  
**Experience** : 13 Years  
**Specialization** : Data mining, Artificial Intelligence and Robotics  
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### Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	KPR College of Arts Science and Research	Pursuing
M.Phil.	Computer Science	Kongu Arts and Science College	2013
MCA	Computer Applications	Vellalar College for Women	2008
BCA	Computer Applications	Cherraan's Arts and Science College	2005

### Additional Qualifications

Dip. / Cert.	Area of Specialization	Institution / Agency Name	Year
PGDCA	Computer Science	Board of Computer Exams	2003
DFA	Commerce	Board of Computer Exams	2004

### Research Guidance

Programme	No. of Scholars	
	Awarded	Pursuing
M. Phil.	1	-

### Research Publications

1. **Design of an Improved Data Mining Algorithm with Cloud for Crime Pattern Detection,** International Journal of Computer Science and Management Research, Nov 2012.

### **Books / Book Chapters Publications**

1. **Iot Based Face Reorganization Door Access Control with Home Security System**, 2<sup>nd</sup> International on Enhanced Techniques in Real time Applications (ICETRA 23), United College of Arts and Science, ISBN: 978-93-91347-37-6, Pages: 35 to 43.

### **Presentation in Conference / Seminar**

1. **Efficient Network Defense Management**, international conference on INCIIRITFOSS-2k15 Sri Vasavi College, Erode, 21-Jul-15.

### **Participation in Conference / Seminar**

1. **Academic Audit and Administration**, AJK College of Arts and Science, 12-Feb-16.

### **Participation in Faculty Development Programmes**

1. **AI in Teaching for Empowering Educators**, United College of Arts and Science, 27-Jan-26 to 31-Jan-26.
2. **Advanced Ai Tools for Preparing Research Papers**, Sasi Institute of Technology and Engineering, 8 & 9-Nov-24.
3. **Critical & Creative Thinking Skills**, Michael Job Memorial College of Education for Women, Coimbatore. 5 & 6-Aug-24.
4. **GEN AI Data Analytics for HEP's**, Dr.SNS Raja Lakshmi College of Arts and Science, Coimbatore. 05-Jan-23.

### **Conference / Seminar / Workshop organized**

1. Convener, Datronix Inauguration, Kathir College of Arts and Science, Coimbatore, 14-Aug-26.
2. Convener, Seminar on Advanced AI/ML Concepts Generative AI and LLMS -, Kathir College of Arts and Science, Coimbatore, 24-Jan-26.
3. Convener, Workshop on Django Framework, Kathir College of Arts and Science, Coimbatore, 06-Mar-26.